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We continue
with enthusiasm
and anticipation



**“Our vision is to contribute
to a higher quality of life for
the many”**

**EUROPEAN
PRODUCT
DESIGN
AWARD™**

This catalogue has been created with care. Products may differ slightly from image and reality. We reserve the right to make changes to the appearance and content of products, as well as errors in text and images.

A new chapter for Separett AB

Over the past year, Separett has experienced both turbulence and excitement. The most significant change is that there has been a change of ownership, which means that Separett is now part of the Lundahl & Hall group.

Separett continues forward with great enthusiasm and anticipation. We remain committed to developing and providing high-quality sanitation solutions that promote sustainability and environmental protection. The company will continue to work to meet the needs of the market and be a reliable partner for its customers.

A brand new chapter for Separett! By joining the Lundahl & Hall group, Separett gains access to additional resources and opportunities to continue its growth journey and strengthen its position in the market.

Lundahl & Hall is an established group in the industry and shares Separett's passion for sustainable solutions. By combining Lundahl & Hall's extensive expertise and resources with Separett's innovative technology and industry-leading products, the company will be able to offer even more value to its customers and partners.

Being able to benefit from collaboration within the group to further enhance our offering and meet the growing needs is something that Separett looks forward to. We are confident that the company's growth and innovation will accelerate even further.

Thanks to all of you who are reading this: users, customers, collaborators, suppliers, distributors, and retailers. It's you who help contribute to a better future!

"We are excited to have the opportunity to take responsibility for Separett's continued growth journey. With the company's current products and the potential for the development of new ones, we see a great opportunity to expand Separett internationally. The need exists everywhere, and we aim to educate and assist the market with its needs. Separett fits well into Lundahl & Hall's sustainability perspective, where we want to contribute to creating a long-term sustainable society."

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www.separett.com



Fredrik Hall
Chairman of the Board (COB), Separett AB



Kenneth Lundahl
Chief Executive Officer (CEO), Separett AB

**LUNDAHL
& HALL AB**

Separett's toilet solutions

At Separett we are leading the development of waterless toilet solutions and we are constantly looking for ways to contribute to new sanitation solutions.

In our wide range, you will find various models with different features that all contribute to reducing the impact on the environment.

Our newest family member is **Tiny®**, launched in 2021, a toilet designed for small spaces. Tiny® is a urine diverting toilet, which means that urine and solid waste are separated when you go about your business. This gives you the opportunity to use the waste for composting and plant nutrition. Among our urine diverting

toilets we offer several solutions to choose from.

If you want ash as a residual product, we suggest our incinerating toilets. With powerful technology and effortless design, these toilets are excellent for those who appreciate the simplest possible waste disposal where the ashes can be spread as fertilizer in the garden.

If you're looking for our simpler toilet solutions, we suggest a urine toilet, freeze toilet, or dry toilet. With clever solutions and user-friendly details, they effectively reduce common sanitation challenges. The dry toilet is the perfect way to upgrade your existing outdoor toilet.

Additionally to our toilet solutions, we offer a range of accessories such as composters, incinerators, urine management, complements, and lots more to make your sanitary environment more hygienic - and above all, easier.

Which toilet suits you?

Incinerating toilet

The toilet for those who like easy handling. No drains, no expensive installation. Waste is incinerated and the only residual product is ash. High level of safety and comfort. Both for your holiday home and your permanent residence.

Urine diverting toilet

The toilet for those who want to contribute to a circular environment. When you relieve yourself, urine is separated from solid waste. Compost solid waste and fertilize your lawn with mixed urine. Urine separating toilets work in any environment, requiring no drainage, heated space or water.

Dry toilet

The toilet for those who like an easy installation. Our urine diverting dry toilet is quickly fitted to an existing outdoor toilet and can be purchased with either a plastic or a Styrofoam seat. Minimal odor, less waste and fewer empties.

Urine toilet

The toilet for those who only wish to handle urine. Works as a stand-alone toilet solution or as a complement to an incinerating toilet. The urine toilet makes it easy to dispose of urine nutrients for the garden. Perfect for the summer or allotment cottage.

Urine diverting toilet**S24****Incinerating toilet****S30****Dry toilet****28****Urine toilet****S31****Installation & accessories****S32**

“We produce toilets that are environmentally friendly”

Read more about how our products contribute to a better environment and the benefits of a Separett toilet on the next page.

How do our products contribute to the environment?

Contributing to the environment and the UN's Sustainable Development Goals, clean water and sanitation for all, is something that we at Seperett always strive for with our products.

We have several models with different functions that all contribute to reduce the impact on the environment.

With our products, you don't have to rely on water or sewerage. A proper installation is all that is needed, and then you can start using your new toilet right away!

It is easy to reuse waste, both solid and urine, in ways that provide nutrient-rich fertilizer for both your garden and your flower bed. In this way, you become part of the cycle.

As Seperett manufactures toilets that can be installed in most places, we have a solution for everyone. Is it for your cottage, permanent home, boat, RV, Tiny House or converted van? With our products you get a lot of freedom when it comes to installation: We have a product for your needs!

Seperett wants to ensure that our customers find our products simple and convenient. That's why we offer a wide range of toilet solutions for everyone.

We also believe that our products contribute to an awareness among our customers, how to become a bigger part of the cycle and how to reduce the ecological footprint.

Together, we all need to help each other to achieve a future where we don't put pressure on nature and the environment as we do today.

1

Simple.

No hassle of dealing with the waste. Compost the solid waste directly and reuse the urine for the garden.

2

Save water.

By using a Seperett toilet, you save a lot of water. Instead of flushing your waste with clean water, you help save several liters of water every day.

3

No sewerage plant involved.

Since you handle your waste yourself, there is no treatment plant involved in the aftercare. With this, you are contributing to the future well-being of our rivers, lakes and seas.

4

Compost.

Of course you should compost your waste! By composting your solid waste, with or without your household waste, you are doing a good deed for the environment, bacteria and small animals. As your waste breaks down into soil, you can easily use it in your garden and flower bed.

3 tips for helping the environment

- ✓ **Turn off the light**
 Save unnecessary electricity consumption by switching off lights when not needed, unplugging mobile chargers when not in use and switching off appliances instead of keeping them on standby.
- ✓ **Use more public transport**
 If you can, take more public transport! The average car driver emits 4-5 times more carbon dioxide and other greenhouse gases than someone who takes the bus. Since many buses today run on biogas, the difference is even bigger.
- ✓ **Eat more plant-based meals**
 Dietary changes, which include plant-based foods and sustainably sourced animal foods, can reduce greenhouse gas emissions by up to 8.0 gigatons per year.



5

Natural fertilizer.

Managing your own waste gives you a natural fertilizer. Use a urine diverting toilet to compost solid waste and nourish your garden with urine. Ash from an incinerating toilet? Perfect for your garden too!

6

Flexible.

Our products can be installed in several different places, wherever suits you! In your cottage, permanent home, boat, RV, Tiny House, hunting lodge and much more.

7

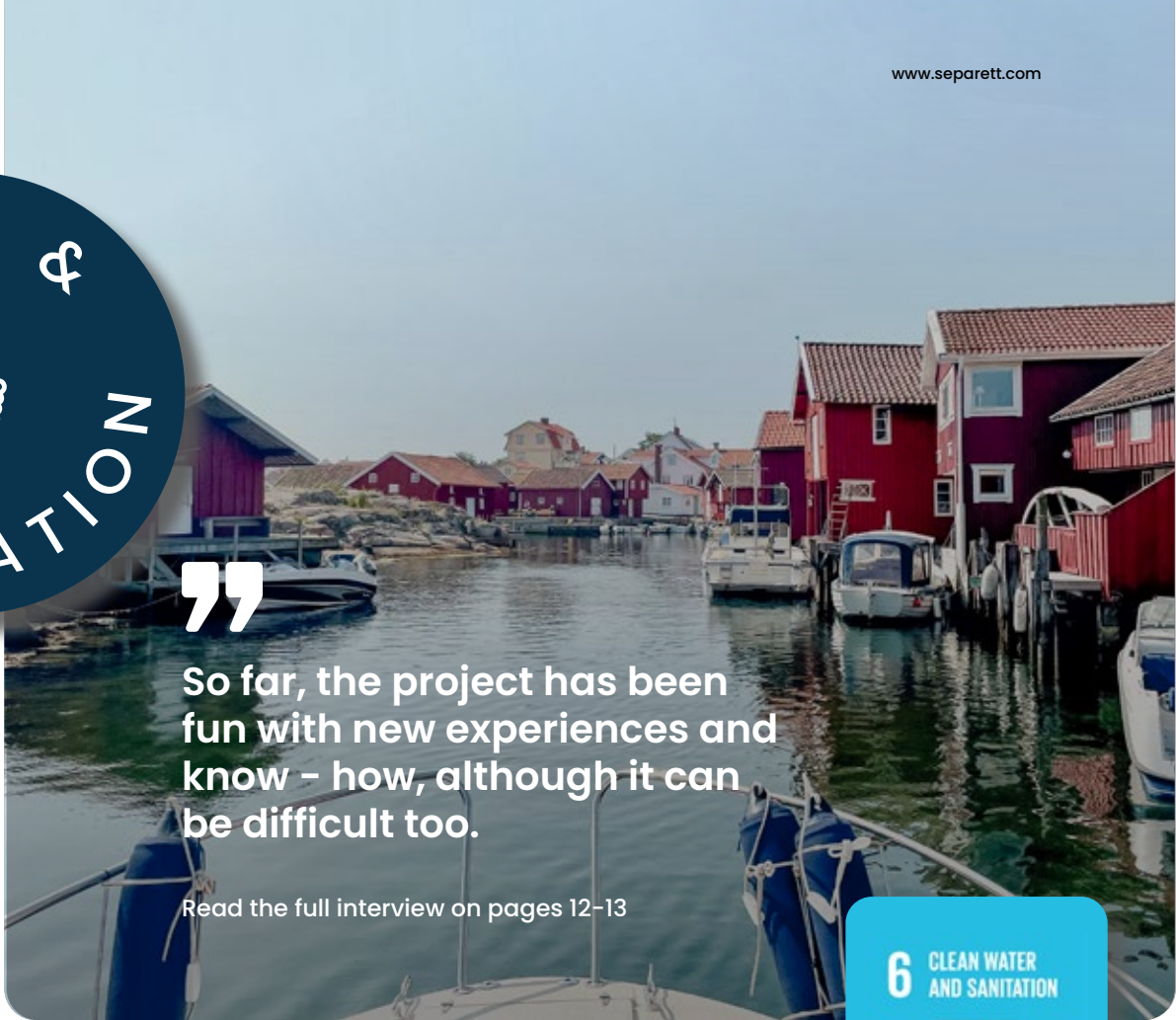
Environmentally friendly.

You become part of the ecological cycle and reduce your ecological footprint.

8

Comfortable.

Using a Separett toilet is just as smooth and convenient as any other toilet solution.



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So far, the project has been fun with new experiences and know - how, although it can be difficult too.

Read the full interview on pages 12-13



3 tips to save water

- 1 **Take 5-minute showers**
Water scarcity affects four out of ten people. Since 80% of wastewater is never treated, taking shorter showers is a good way to save this precious resource.
- 2 **Smart laundry**
Half a machine uses as much water as a full one, about 50 liters for one wash. To save lots of water, always fill the washing machine thoroughly before starting.
- 3 **Do not throw away edible food**
An estimated one third of all food produced globally is lost or wasted. Reducing food waste reduces demand on agriculture, one of the biggest consumers of water.

UN's Agenda 2030

By 2030, the UN's Sustainable Development Goal number 6 will have been achieved. Everyone should have access to clean water and sanitation. To find out more about the UN's goals, how the UN works and what you can do to help, visit www.un.org/en/

Feed your lawn with urine



If you mix water with the urine you get an effective fertilizer

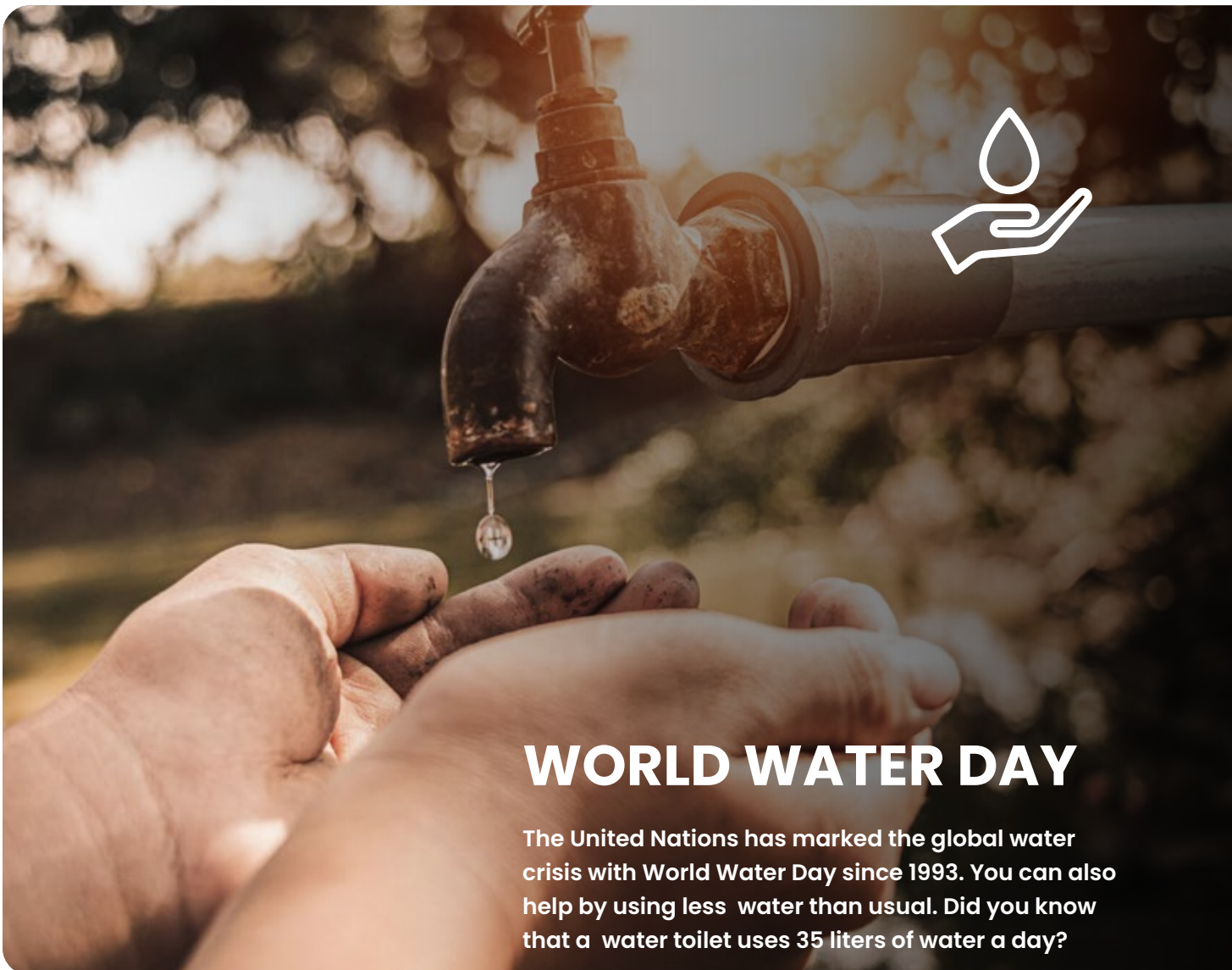
With Separett's Ejector Tank you can harvest the urine and use it as fertilizer in your garden. Our Ejector Tank automatically mixes 1/8 of urine and 7/8 of water for the perfect mixture. If you have a urine diverting toilet, these are excellent for this purpose, while also allowing composting of solid waste.

Solid waste should be composted between 12-14 months, as it contains fewer nutrients. Always check with your local authority to find out what rules apply where you live if you want to start composting.



Solid waste must be composted between

12-14 MONTHS



WORLD WATER DAY

The United Nations has marked the global water crisis with World Water Day since 1993. You can also help by using less water than usual. Did you know that a water toilet uses 35 liters of water a day?

Towards the future toilet solutions



A Sanima-worker carries heavy buckets of sawdust and bags to be used in a waterless toilet. The material lasts for a week.



Facts about Sanima

Sanima (formerly X-Runner) was founded in 2012 by Isabel Medem and Jessica Altenberg. The organization installs waterless toilets, and collects waste from users and settlements. Today they operate outside Lima, Peru.

→ Many people take a toilet for granted, but there are places where drains echo with their absence. In Peru Separett is working with Sanima, to install waterless toilets where the need is high.

- Toilet visits are intimate, which is why we are bad at talking about the widespread sanitation challenge in the world, says CEO Arturo Llaxacandor.

A slightly pixelated Arturo appears on the screen. It's 12 o'clock in the afternoon in Peru and work is going on in full swing despite the ongoing pandemic.

- We have adapted to Covid and are happy that the work can continue. It proves that our service, especially in these circumstances, is crucial for those without toilets.

Peru is one of the countries most severely restricted during the pandemic, and it was only in September that Sanima reopened its customer service and sales program. Key elements for Sanima, which is not a charity.

- We try to solve environmental challenges from a market perspective. We offer a subscription-based service for which we charge, but the price is only 2.5% of the user's income.

Needed standardized solutions

Sanima's income is not enough to cover expenses, which means external funding and international collaborations are essential. For example, many of the toilets come from Separett, a collaboration that began back in 2014.

- We needed a partner who could offer standardized solutions and came into contact with Separett's CEO Mikael. He was very interested in us, partly because he could help people in need, but also because he wanted to learn more about South America.

Mikael and the rest of Separett have learned enough. Since its establishment, Sanima has reached over 3.000 users, removed over 300 tons of waste and won over 10 awards.



Saleswoman Rosa Barrios follows the map in search of potential customers.



Customer Gloria Canchaya has just had her new toilet installed by Sanima. She is one of 3.000 customers who have been provided by Sanima.

- The target for 2021 is to reach over 2.000 households. And that's where our partnership with Separett is crucial, as they offer cost-effective toilet solutions that have everything we need to make a difference. The settlements where we are working now are part of the sanitation challenge in Peru; another big challenge will be the urban areas.

Waterless toilets are the future

The challenges don't scare Arturo, and they're likely to increase. Because the current sewerage solutions with water toilets are doomed, Arturo says.

- Those solutions have expiration dates, because they require water which is already a scarce resource. It is becoming clear that with everything that is happening around climate change, we need a solution without water, which is so important for human life, to treat waste. I think 100 years from now people will look back at this time and wonder: "What were they doing?"

“There is no problem that doesn't have a solution”

After growing up sailing and being at sea, new interests emerged in the summer of 2020 and Ida felt it was time to try having her own boat. The renovation of the motorboat is currently in full speed!

Ida and her family live just outside the coastal town of Lysekil. A great interest that has developed in recent years is boats, as she has always enjoyed being out at sea, but also because her childhood has consisted of boats.

- My parents had a sailboat for many years, called “Ida” actually, and my dad still has a sailboat. For a few days in the summer of 2020, we got to borrow his boat and that's probably where we got the idea of owning one by ourselves.

Everything started in the winter of 2021, Ida and her family began to search for the right boat - a slightly smaller motorboat that they could enjoy and slowly putter along on the sea. The search consisted of a lot of reading on various boat forums and finally it appeared that a Maxim 26 would suit the family perfectly. A relatively short boat, cleverly planned to create plenty of space with five decent berths divided into two cabins, a toilet and a kitchen.

- An advantage of not having too big of a boat is that you don't have to take the Coast Guard Degree (for boats larger than 12x4 m). However, to have knowledge of rules at sea is a must.

When the new boat was acquired, it had an almost completely new engine which was very crucial in the decision for the Maxim. However, it was not well taken care of and needed some repairs and



renovations. To take on a renovation project of the new motorboat with not much experience, became an exciting challenge for Ida. In the past they had done some easier renovations as well as being involved in the construction of their house which resulted in feeling no fear about trying new things. This came in handy when their new Maxim urgently needed renovation.

- It looked awful on the inside, but I thought right there and then that I could fix it! I didn't know how, but I can find out how to do it and it will be fine.

There is a lot to keep in mind when you are renovating a boat, as not just any material can be used because it's an environment with a lot of moisture and salt that the material must be able to handle. So far, the project has been fun with a lot of new

Facts about Maxim 26

Model year: around 1980
Year of production: 1979-1982
Number produced: 450 pcs
Designer: Pelle Petterson

Width: 3 m
Depth: 0.8 m
Height (incl. targa bow): 3.2 m
Length over all: 7.6 m

Fuel consumption: 1 liter/Nm
Cruising speed: 10-13 kn
Top speed (engine): 14 kn

experiences and know-how, although it can be difficult as well. Not everything that needed to be fixed could be done during the spring, but the priority was the most important repairs and renovations before the boat was put to sea in midsummer to be used as much as possible during the summer. After several trips to various small islands with the family and a successful season, the boat was taken ashore again, and Ida started with the next improvement that was on the list – the toilet!

- We discovered during our first summer that a traditional boat toilet is far from problem-free and we heard numerous horror stories about wastewater flowing out, blockages in the drain and pumps breaking.

Unfortunately, Ida has had the misfortune of the toilet pump breaking down, which is not particularly fun, and keeping track of emptying the tank in time is quite a hassle. The tank in the boat today has a capacity of three days (for two adults and three children), after that you need to visit a pumping station to empty the waste. Understandably, this is a tedious and inconvenient interruption during the holidays. Not being able to spend as much time at sea as planned can feel very cumbersome. This started the search for a better toilet solution for Ida, her family and the Maxim.

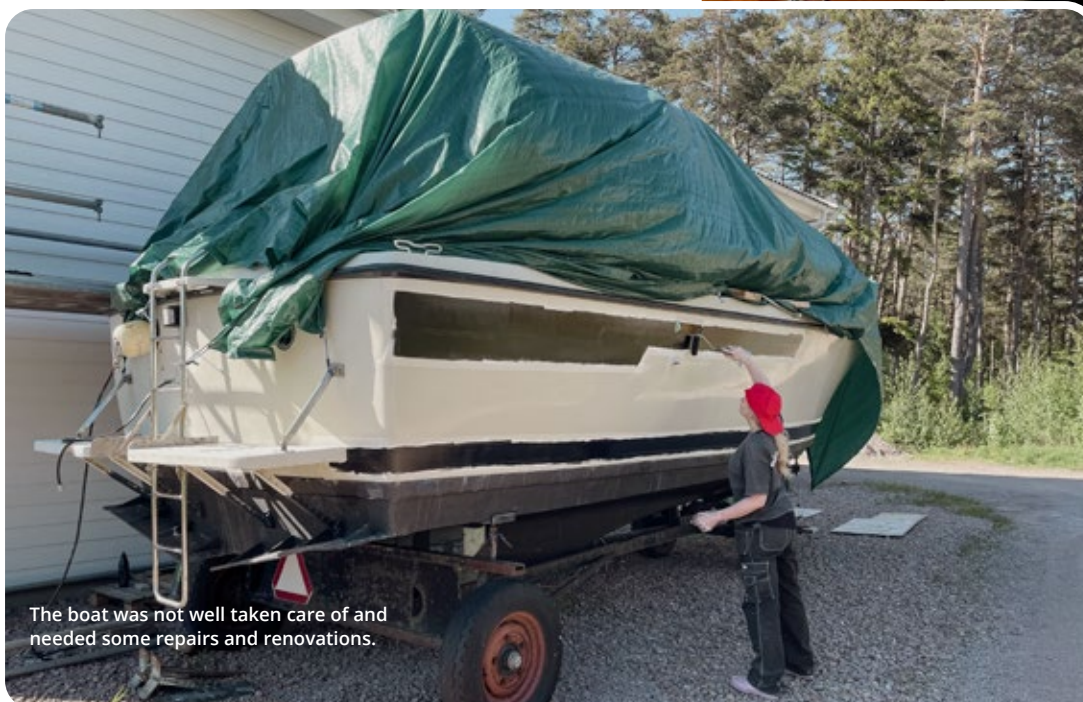
- Owning a boat should preferably be as hassle-free and as comfortable as possible.

After a few searches on the internet, with a lot of reading on boat and camping forums, Ida found

the Separett Tiny®. However, no one has installed tested Tiny® on a boat before, although the product is also designed for this purpose.

- It makes the whole thing even more exciting. Could this be the new generation of boat toilets and the solution to our toilet problem?

With both high expectations and hopes that Tiny® will be the solution, Ida is looking forward to trying out her new toilet on board and at sea.



The boat was not well taken care of and needed some repairs and renovations.

Cleverly planned with five decent berths divided into two cabins, a toilet and a kitchen.



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Read more about Tiny on
pages 27-28



Check with your municipality

Thinking about a new toilet solution? Then you should always check with your municipality first. Your local authority will decide how to deal with latrine, urine and urine-mixed flush water. So it's their environmental committee that decides what you can and can't do. Local conditions apply - so don't forget to check with your local authority.



Only together can we achieve the UN's goal of water and sanitation for all

November 19

World Toilet Day raises awareness among the global community

Read more on page 22

92:

number of days a person spends on the toilet during a lifetime.

35:

liters of water are used by a water toilet per person and day.

6:

tons of poop are produced by a person during a lifetime



3 things you didn't know about Lima

- 1** Lima was founded early in 1535 by the Spaniard Francisco Pizarro.
- 2** Lima is the third largest city in North-, Central -, and South-America with 9 million inhabitants.
- 3** Lima is the world's second driest capital due to poor urban planning and water shortages.

Maximized Composting

Of course you should compost - it is good for the environment, good for bacteria, and good for small animals. Here are 3 tips from Separett for successful composting:

- 1** Carefully divide the compost material, so the degradation process can be faster.
- 2** Never pile or pack your compost. Oxygen is essential for good composting.
- 3** Your compost should be protected from wind and sun. Preferably standing on soil or grass.

Find our compost guide on pages 22-23





Quick guide to a water-free daily life

Do you know the local regulations or what applies to installation? At Separett, we know toilets, which is why we have created a guide with what you should keep in mind before choosing your water-free toilet solution!

Municipal regulations

First and foremost, it is the municipality that decides how you can handle latrine, urine, and urine-mixed flush water from toilets, as well as the rules for installation. The regulations can vary between municipalities - depending on local environmental conditions.

The regulations on latrines aim to ensure that any potential disease-causing bacteria do not spread outside the toilet or latrine compost, hence the regulations require a sealed bottom and that the material is not spread until at least twelve months after the last filling.

Urine is generally allowed to be spread on growing crops on one's own property, but there are also municipalities that do not allow urine to be spread. Some municipalities require the property to be of sufficient size for urine to be spread.

Always contact the environmental and health protection administration or equivalent in the municipality where the toilet solution will be used and installed, so that you choose an option accepted by the municipality. Many municipalities have published their regulations on their website. It is the municipal environmental board that decides what you can and cannot do. When the municipality considers your application to install a new toilet solution, their starting points are that the solution:

- Must be able to meet the protection level applicable to the place
- Must be designed for five permanent residents, even if it concerns a holiday home

- Must be complemented by some form of treatment of your bath, dish, and laundry water (grey water)

Since municipal regulations have a significant impact on how you can and should handle waste, it is therefore important to consider the following when choosing a toilet solution:

- How waste management should be handled
- Contact your municipality early in the process to know the rules that apply where you will install the toilet

Installation and placement

Different toilet solutions require different installations. Also, remember that the installation is of utmost importance for the toilet's function and well-being. If you have a space under or a distance away from where the toilet will be placed, the number of possible solutions increases. Therefore, it is important to consider the following at an early stage:

- Always think toilet early in the building process/renovation
- Check that your space is large enough for your toilet solution and waste management

If you are the least bit uncertain, contact us at Separett, and we will help you!

Available space/property suitability

If there is a space under or a few meters away from the toilet room, the number of possible solutions increases. When a property is to be built or remodeled, it is therefore important to decide as early as possible which solution to use.

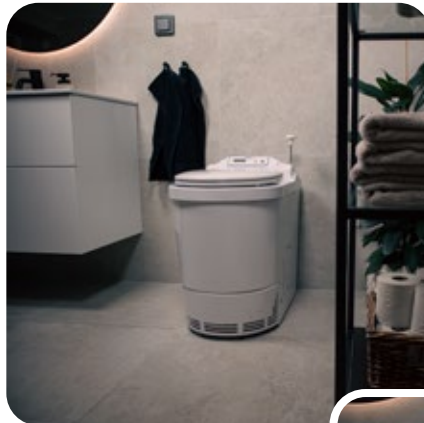
The space under the floor can be used as a composting room or to collect waste in a latrine barrel for outdoor latrine composting. Make sure the space is sufficient for the solution you choose.

Where urine infiltration is allowed, factors such as the suitability of the soil for infiltration and the distance to surface water, drinking water sources, and property boundaries are crucial. To determine the suitability of the soil and the distance to groundwater, test pits are often required to be dug.

Comfort, management, and cost

This is of great importance to everyone, hence important to consider this early in your choice of toilet solution. What is important to you when it comes to comfort and waste management? We always recommend using our accessories for each product for the best possible comfort and a better experience! Do you want to compost and use the urine as fertilizer, or do you just want ash as a residual product?

A large part of the choice of toilet solution also depends on your budget. How much can the toilet solution cost? Investment and operating costs vary between the different options. The higher demands you place on comfort and little effort in care ~ the higher cost ~ both in investment and operating costs. Which also goes without saying.



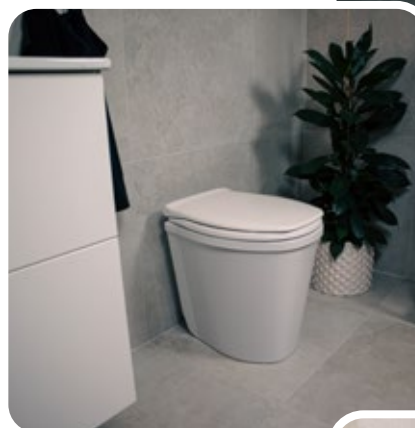
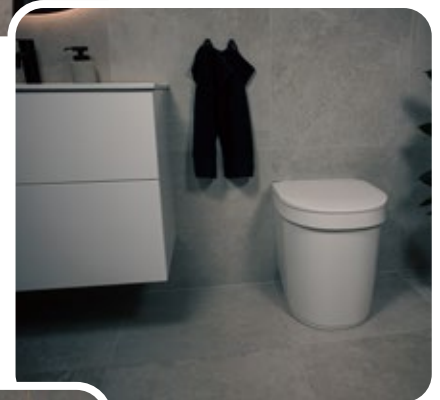
Incinerating toilet

With the Family II, you get a simple and comfortable use and handling of waste, as the residual product is only pure ash. The ash can also be spread as plant nutrition in the garden. You avoid sewage, digging, and large installations - all that is needed is electricity and ventilation!



Urine diverting toilet

Our smallest toilet is Tiny®, which is specially developed for tiny homes and smaller installations/spaces such as motorhomes, caravans, boats, and hunting cabins. Here you also have the opportunity, depending on how you live, to choose how you want to handle the urine. You can collect the urine in a urine container or lead out the urine via a urine drain



Urine toilet

Pee is our urine toilet and is intended to only handle urine. This toilet is a good complement for those who want to increase the capacity of their incineration toilet. With the help of Pee, you can easily collect and use the urine as plant nutrition!



Urine diverting toilet

Villa® is our urine diverting toilet that is appreciated for its user-friendliness and simplicity. Urine and solid waste are separated, which reduces both odor and waste management. With its capacity for several people in the household, this is a toilet that works excellently in several places; for example, both in the cottage and your permanent residence.



We recommend always being informed before an installation, placement of a toilet, or determination of latrine management is carried out. Just so that your experience will be as good as possible!

“Practical, ecological and cost-effective”

Sanni has her summer house outside Espoo, Finland, where she and her daughter spend all their summers together.

Finding a toilet solution that fits in your summer house could feel like a long search and a lot of consideration among the different toilets on the market.

Sanni had no previous experience with a urine diverting toilet and was a new user of the product when she decided to invest in a Separett Villa®. She had long been considering a toilet solution for her summer house when her brother suggested that a Villa® would be a convenient alternative. So, using a urine diverting toilet and choosing a product from Separett was a bit of a coincidence.

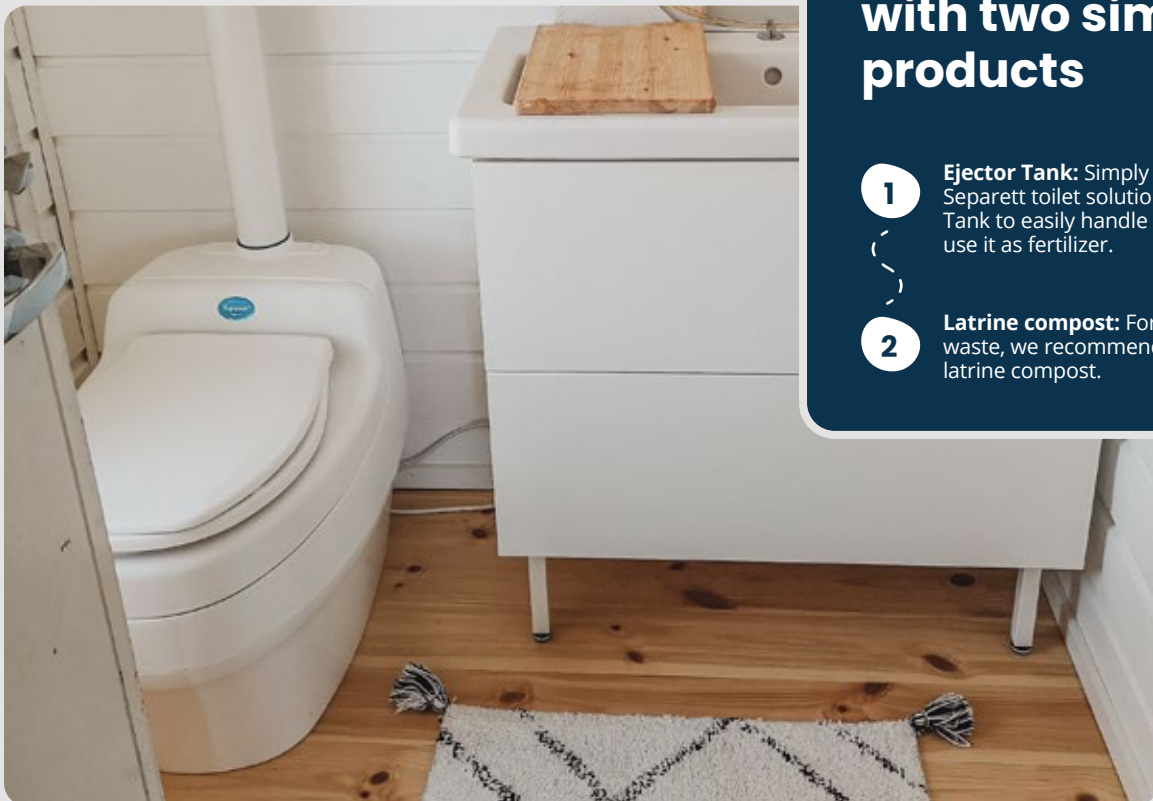
- This is a really good alternative when you think about nature and cost efficiency compared to, for example, a water toilet.

An important thing was to have a practical, ecological and cost-effective toilet - which the urine diverting Villa® could offer.

- Separett Villa has met our needs well. The design could have been a little simpler, like the new urine diverting Tiny®, but beyond that we are happy with our toilet.

To be practical when it comes to handling the waste, Sanni uses an external urine tank which she finds convenient when emptying the urine or diluting the urine and using it as fertilizer. For the solid waste, Sanni is still looking for a suitable compost that fits her needs well and that she can use in the summer house.

Are you interested in seeing how Sanni is doing in her summer house? Check out and be inspired by her on [Instagram.com/vaurastaelamaa](https://www.instagram.com/vaurastaelamaa)



Handle the waste with two simple products

- 1 Ejector Tank:** Simply plug in your Separett toilet solution to our Ejector Tank to easily handle the urine and use it as fertilizer.
- 2 Latrine compost:** For the solid waste, we recommend an approved latrine compost.

Your outdoor toilet will have that extra feeling

After several years of having Privy with a wooden seat in the German market, it finally became a matter of course that we should have a model in our range. The feedback has been very good.

The market response has been very good, resulting in Separett launching a wooden kit in its range in 2022. Now you, as a user, have another option to furnish your outdoor toilet - with a Scandinavian design that gives you that little extra feeling.

Just like our previous models, it's as easy to mount on an existing toilet bench and comes with a urine hose and hole pattern for quick installation on your toilet.

Wooden Seat and Privy Wooden Seat will be available for order via our website www.separett.com



Wooden Seat

Art. no 1302-01

The wooden seat is made of strong birch with extra weight. It is easily placed on the bench of your outdoor toilet and fits our Privy Blue/Grey inserts. Easy to clean, use a damp cloth and all-purpose cleaner.

Material: Birch plywood

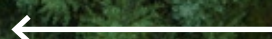


Privy Wooden Seat

Grey Art. no 1300-01
Blue Art. no 1298-01

With a Scandinavian style, your outdoor toilet will have that extra feeling. Privy Wooden Seat comes with a urine hose and a hole pattern for easy installation and mounting.

Material: Birch plywood



Your guide to a greener environment



What is a compost?

A compost is part of a recycling system. The compost is a place or container where biodegradable household and/or garden waste is put and then turned into soil, which you can recycle. Everything is done naturally as the compost should only consist of biodegradable content.

Common problems that may occur

- ✓ **For wet compost:** feed it with slightly drier waste such as garden waste, feeding it with coarser garden material can be useful for creating air pockets.
- ✓ **For dry compost:** water it gently or feed it with a little moister waste. The compost has probably received too much dry waste.
- ✓ **The compost smells:** it can be caused by many things, is it too poorly ventilated or too wet? Try stirring more frequently and mixing in materials that soak up liquid.
- ✓ **Flies/fly larvae in the compost:** stir and ventilate the compost. Remember that when adding new waste, it should be stirred down a little and covered with material that has already begun to decompose.

Why should you compost?

Composting is an excellent soil improver. Garden compost increases the soil's topsoil content while household compost adds nutrients, a perfect combo. Composting your household and/or garden waste is good for the environment, bacteria and small animals. You can even reuse what you've composted, isn't that a good thing?

Where should you place your compost?

Finding a good place for your compost is important. It's best to choose a shady spot and make sure it has a drainage or dense surface. Remember to place the compost on a flat surface close to the house. However, don't forget your neighbors when choosing a place for the compost.

What can you compost?

From the kitchen

- Dairy products
- Meat, fish or seafood leftovers
- Eggs and eggshells
- Vegetable and fruit scraps
- Cut flowers and house plants
- Egg cartons and household paper towels
- Coffee grounds, filter bags, and tea leaves

From the garden

- Weeds, grass clippings
- Barrels and leaves
- Fallen fruit
- Cuttings from plants

What can't you compost?

- Plastics, metals, glass, rubber, and fabrics
- Chemicals and other environmentally hazardous waste
- Cigarette butts
- Lime and wood ash
- Materials from cats, birds, and rodents



What can you use the composted material for?

As composted material is biodegradable household and/or garden waste that has been broken down into soil, you can easily use it in your garden and flower beds. Simple and easy!

Tips!

Keep in mind that household compost contains a lot of nutrients and should therefore be mixed with regular garden soil. One part household compost to three parts garden soil.

Good to remember when composting

Composting food waste: you need an approved container that can withstand rodent infestation

Composting garden waste: you don't need a container, but it can be handy.

The compost is ready when you have a coarse layer of soil, it can take between 2-4 months or up to a year depending on the material in the compost.

Always dig out soil from the bottom of a composter.

Compost when it's cold? It's perfectly fine!

For the winter: cover the garden compost with leaves.

Billions of people around the world don't have safe toilets

Each year on November 19th, information and the importance of access to sanitation are highlighted on World Toilet Day. Sanitation is a fundamental human right, but unfortunately, many people still live without this basic access.

Currently, **3.5 billion people** live without access to safe toilets, and 419 million people still defecate outdoors. In these situations, diseases spread and take the lives of thousands of

children every year. The global sanitation crisis is not only a threat to people's health, especially women, girls, and other vulnerable groups, but also to our nature.

Your commitment plays a crucial role in improving sanitation and protecting our environment. Raise awareness by openly discussing and informing about the sanitation crisis. The UN particularly draws attention to the sanitation crisis on November 19th to increase global awareness. World Toilet Day is also about accelerating change by doing what one can.

Take the initiative today by learning more about the problem and sharing information with your network. We can make a difference together!

3 things that make a difference

- 1 Break the taboo.** Talk about the critical link between toilets, water, and menstruation. Openly discussing and informing about the connection between toilets, water, and menstruation can help break taboos and raise awareness.
- 2 Flush safely.** Fix leaking water and sewage pipes, empty full septic tanks, and report dumping of sludge. By taking care of small problems like leaking pipes and regularly emptying septic tanks, we can contribute to a safer and cleaner environment.
- 3 Stop polluting.** Do not throw food waste, oils, medicines, and chemicals in the toilet or drain. By being conscious of what we flush, we can minimize pollution and protect our water.

- ✓ Closed-loop solution
- ✓ Both for main and solar power
- ✓ Choose between urine container or urine tube



A friend to our environment

Which suits you best - urine container or urine tube?



Tiny®

Urine container

Art. no 1270-02

- ✓ Made in Värnamo, Sweden
- ✓ Easy waste management
- ✓ Easy to clean
- ✓ Odorless
- ✓ Small footprint



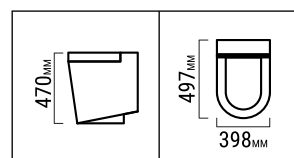
Our smallest champion

Tiny® is Separett's latest addition of urine diverting toilets. With a smaller, sleeker design and lessons learned from decades of experience, Tiny® has led to the development of a modern urine diverting toilet specifically designed to fit smaller spaces with limited space.

Containers for both urine and the solid waste mean that the only thing coming out of the toilet is air from the 50mm pipe that is pulled out of the toilet compartment. If the toilet is used in permanent accommodation by 2 people, the solid waste container needs to be emptied once a week and the urine tank 2-3 times a week. The urine tank is equipped with a sensor and the Separett logo on the toilet lights up red when it is time to empty the urine tank.

Separett Tiny® has high reliability and is easy to install. The fan ventilates out the small odor that is produced despite urine separation and also contributes to a better indoor climate by keeping the air in the space constantly moving. The fan is efficient and quiet and is best enjoyed in continuous operation.

The privacy cover in form of a concealing view screen hides the dry waste in the latrine container and is only pushed aside when you sit down to use the toilet. This means that you never see the toilet waste except when it is time to empty.



Information

Material: Recyclable high gloss polypropylene

Inner container: 14,5 liter polypropylene

Inner liquid container : 7.1 liter polypropylene

Voltage/total power: 12 V/1.6 W

Energy consumption: 0.04 kWh/day

Power connection: Battery cable 1.55m alt. power adapter 110/230V-12V

Noise level: <30 dB(A)

Max load: 150 kg

Seat height: 44 - 45.2 cm

Connections: Ventilation out: Ø50 mm

Installation & accessories page 36

It's this easy

Concealing view screen. A cover hides the dry waste. When you sit down the cover swings away.

With the urine container, you don't need an external collection vessel. When the container needs to be emptied, you will be notified via the label on the top.



Tiny[®]

Urine tube



Art. no 1271-02

- ✓ Made in Värnamo, Sweden
- ✓ Easy waste management
- ✓ Easy to clean
- ✓ Odorless
- ✓ Small footprint



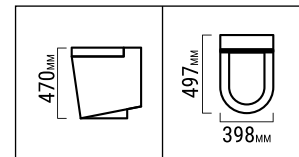
Our smallest champion

Tiny[®] is Separett's latest addition of urine diverting toilets. With a smaller, sleeker design and lessons learned from decades of experience, Tiny[®] has led to the development of a modern urine diverting toilet specifically designed to fit smaller spaces with limited space.

Thanks to the urine separation system, both the odor and the volume of waste to be disposed of are reduced. What comes out of the toilets is air from the 50mm pipe that is pulled out of the toilet space and urine from a 32mm pipe behind the toilet. If the toilet is used in permanent accommodation by 2 people, the container for the solid waste needs to be emptied once a week. Urine is directed to an external container which is emptied as required.

Separett Tiny[®] has high reliability and is easy to install. The fan ventilates out the slight odor that is produced despite urine separation and also contributes to a better indoor climate by keeping the air in the space constantly moving. The fan is efficient and quiet and is best used in continuous operation.

The privacy cover hides the dry waste in the latrine container and is only pushed aside when you sit down to use the toilet. This means that you never see the toilet waste except when it is time to empty.



Information

Material: Recyclable high gloss polypropylene

Inner container: 14.5 liter polypropylene

Inner liquid container: 7.1 liter polypropylene

Voltage/total power: 12 V/1.6 W

Energy consumption: 0.04 kWh/day

Power connection: Battery cable 1.55m alt. power adapter 110/230V-12V

Noise level: <30 dB(A)

Max load: 150 kg

Seat height: 44 - 45.2 cm

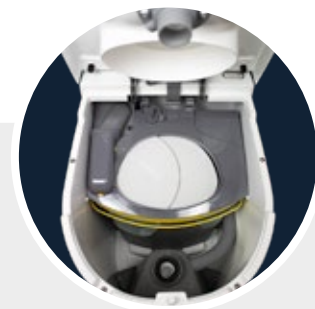
Connections: Ventilation out: Ø50 mm

Installation & accessories page 37

It's this easy

Concealing view screen. A cover hides the dry waste. When you sit down the cover swings away.

With the urine pipe connected to an external collection vessel, you can collect the urine and use it as plant fertilizer, for example.



Separett Villa®



Art. no 1067-03

- ✓ Made in Värnamo, Sweden
- ✓ Low energy consumption
- ✓ Both for main and solar power
- ✓ Robust design
- ✓ Easy to use



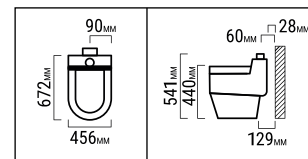
Quiet and odorless

Separett Villa® is a urine diverting toilet that with its simplicity and unlimited capacity offers a comfortable toilet visit. With the renewed (2020) strong 12V fan, the toilet can handle installations up to six meters long and with up to three 90° bends.

The toilet can be powered by 230V main power or by 12V solar cell/battery power. Adapters for both options are included with the toilet. The fan (2.5 W, 210 mA) has a very low energy consumption and is therefore suitable for battery or solar power as well. In case of battery operation (12V, 100 Ah), the operating time of the fan is about two weeks. The battery is not included.

With its high capacity, the toilet works equally well in continuous or alternating use. It is therefore suitable for both leisure and permanent living. A holiday home with five people usually needs to empty the latrine tank in the toilet every 4 to 6 weeks.

Separett Villa® is highly reliable, easy to install and takes up no more space than a standard toilet seat. The toilet space is constantly ventilated by the toilet fan and urine is separated from other waste, making the toilet space odor-free. The view screen hides the dry waste and is only pushed aside when you sit down to use the toilet.



Information

Material: Recyclable high gloss polypropylene

Inner container: 23 liters polypropylene

Full container approx. 8-10 kg

Voltage/total power: 12 V/2.5 W/210 mA

Energy consumption: 0.06 kWh/day

Power connection: Battery cable 1.9m alt. power adapter 12/230V

Noise level: <30 dB(A)

Max load: 150 kg

Seat height: 42 cm

Connections: Ventilation out: Ø75 mm, urine drain: Ø32 mm.

Installation & accessories page 35

It's this easy



Concealing view screen. A cover hides the contents. When you sit down, the cover swings back while the container is rotated so that the waste is evenly distributed.



Change containers. It's easy to change containers when you think it's time. Just close the lid and lift the container out of the toilet.



Can be connected to a battery. Separett Villa is easily connected to e.g. a leisure battery (not included).

VILLA®

Extend



Art. no 1191-01

- ✓ Made in Värnamo, Sweden
- ✓ Low energy consumption
- ✓ High capacity
- ✓ Robust design
- ✓ External waste management



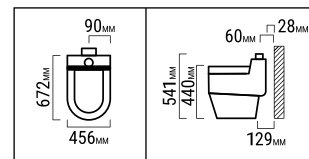
Choose your capacity

With Villa® Extend, the latrine container (not included) is located outside the toilet, which can give you more capacity, depending on the container.

The toilet works well in both, vacation homes and permanent residences.

Keep in mind that the tank must be accessible from the outside. The external tank is the only difference between Separett Villa® and Villa® Extend.

Supplied with: user and installation manual, universal adapter, funnel, 90° bend for Ø75 mm pipe, vent pipe 40 cm Ø75 mm, vent cowl, vent grille, insert for vent pipe, cover for Ø 75mm and Ø32 mm pipe, 2m white urine pipe Ø 32mm, 90° joint pipe Ø32 mm, straight joint pipe Ø 32mm, silicone list, wall bracket, screws, sample of bio drain cleaner, installation dimension drawing.



Information

Material: Recyclable high gloss polypropylene

Voltage/total power: 12 V/2.5 W/210 mA, 230 V/16.5/11 W

Energy consumption: 0.06 kWh/day

Power connection: Battery cable 1.9m or 12/230V power adapter

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

Max load: 150 kg

Seat height: 42 cm

Connections: Ventilation out: Ø75 mm, urine drain: Ø32 mm, pipe to latrine container: Ø160 mm

Installation & accessories page 36

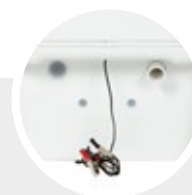
It's this easy



Concealing view screen. A cover hides the dry waste. When you sit down the cover swings away.



Instead of a waste container in the toilet, Villa Extend is equipped with a funnel, connected to a pipe that leads to an external latrine container under the floor.



Can be connected to a battery. Villa Extend is easily connected to e.g. a leisure battery (not included).

Ejector Tank

Art. no 1013-03

With the **Separett Ejector Tank**, urine is automatically diluted with the right amount of water so that flower beds, plants and lawns soak up the nutrients without being damaged. Designed with a float that indicates when the tank is full.

- ✓ Capacity 50L
- ✓ Organic plant fertilizer
- ✓ Easy urine handling



Rescue camping

Art. no 1165-01

Mobile freedom. Rescue Camping is a portable, urine diverting toilet perfect for outdoor recreation or allotments. Easy to assemble and transport thanks to its unique design. Dry waste is collected in a compostable latrine bag, while urine is emptied into the ground, or collected in an external container for later disposal.

- ✓ Portable comfort
- ✓ Flexible solution



A life close to nature

Make camping and outdoor life more comfortable with our customized and smart mobile toilet solution.

Upgrade your outdoor toilet

Separett's urine diverting Privy is easily mounted on an existing outdoor toilet. Thanks to the urine separation, almost all odors disappear, waste is reduced and emptying is less frequent.

Buy Privy with plastic or styrofoam seat. Both models are supplied with urine hose, and hole pattern for quick and easy installation on your toilet.

Privy comes with a 2.5m urine hose, urine diverting insert, hard plastic toilet seat or styrofoam insulated seat and fasteners (wood screw).

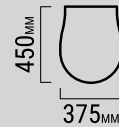
Privy Insulating Seat

Blue Art. no 1011-03
Grey Art. no 1265-01



Privy Plastic Seat

Blue Art. no 1121-03
Grey Art. no 1267-01



- ✓ Minimized odor
- ✓ Year-round comfort
- ✓ Simple & convenient
- ✓ Urine diverting



Insulated Seat 200

Art. no 1215-01

Insulated seat model 200 is an interchangeable insulated seat, which fits all Separett toilet seats and many other toilet seats on the market.
3-pack (3 pairs/pack)

Material: alveolite (polyethylene cellular plastic)



Insulated Seat 300

Grey Art. no 1235-01
Blue Art. no 1012-03

Insulated seat model 300 is a replaceable extra strong insulated seat, which is placed on the bench of the toilet in the outdoor area. It is 30mm thick and available in grey and blue. Also suitable for Privy 500.

Material: cellular plastic (styrofoam)



Family II

Art. no 1228-02

- ✓ Made in Värnamo, Sweden
- ✓ 15% lower energy consumption
- ✓ Minimized odor
- ✓ Smooth and efficient use
- ✓ Reduced need for maintenance



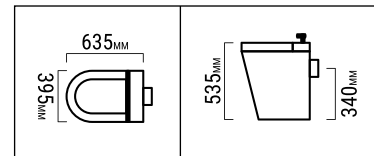
The modern incinerating toilet

Family II is our incinerating toilet that is now even better! The updated Family takes combustion technology to the next level and is equipped with new features and optimizations that will exceed your expectations. Ash becomes the only residual product, of course, and through the user-friendly display, you get information such as when it's time to empty the ash pot or clean the toilet.

With smoother and more efficient use, as well as reduced need for maintenance, your experience will be optimal. Family II is a smart solution for more efficient and pleasant toilet use, perfectly fitting in all kinds of households!

With the purchase of Family II, a user- and installation manual, poster - how to use the toilet, installation template, Sally child seat, Ø110 mm 90° long bend, Ø110 mm 90° vent cowel, incineration bags, extra fuses, cleaning brush for smoke pipes, O-rings, screwdriver.

NOTE! CONTACT YOUR LOCAL DISTRIBUTOR TO CHECK THE AVAILABILITY OF INCINRATING TOILETS ON YOUR MARKET.



Information

Material: Recyclable ABS, antibacterial, white lacquered galvanized sheet metal

Inner container inner part: Stainless stell plate

Ash tray: Acid-resistant sheet

Voltage/total power: 230 V, 1.8 kW., 10 amp. fuse

Energy consumption: 1.7-2.5 kWh/visit

Power connection: Cord 2.4m with grounded plug

Noise level: Fan about 55 dB(A)

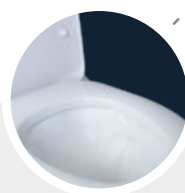
Max load: 150 kg

Seat height: 51.5 cm

Connections: Ventilation out from toilet: Ø110 mm, ventilation in the space where the toilet is located: Ø110mm/160mm depending on position

Installation & accessories page 32

It's this easy



Place the bag in the trapdoor under the toilet lid. When the visit is finished - press down the flush handle.



Press the appropriate incineration program after each visit.



Empty the ash tray by removing the front plate, pulling it out and emptying the ash into the flowerbed or household waste.



The Sally child seat makes toilet visits comfortable even for the smallest members of the family. Included in delivery.



Pee

Art. no 1264-01

- ✓ Made in Värnamo, Sweden
- ✓ Easy installation
- ✓ Energy efficient
- ✓ Use the urine as fertilizer*
- ✓ Great complement to incinerating toilets

*Check local regulations and laws before fertilizing

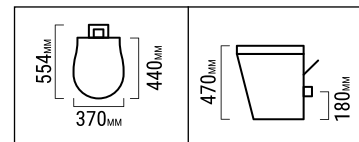


A perfect complement to the incineration toilet

Separett Pee is a urine toilet for wet waste, and a great addition if you already own an incinerator toilet. You can then reduce the energy consumption of the incinerator toilet by 80%, as urine takes the longest to burn.

Pee is also ideal for use as a night toilet or in an allotment garden. It can be easily connected to our ejector tank to turn urine into plant fertilizer.

When you buy Pee, it comes with instructions for use and installation, 2m urine pipe Ø32 mm, 2 wall brackets for Ø32 mm urine pipe, 90° joint pipe for Ø32 mm urine pipe, rake for Ø32 mm urine pipe, cover plate for Ø32 mm urine pipe, wall bracket for the toilet, screws for installation.



Information

Material: Recyclable ABS, antibacterial, seat: Polypropylene

Seat height: 45 cm

Connections: Urine drain: Ø32 mm

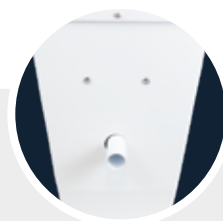
Installation & accessories page 41

It's this easy



Urine bowl

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



Urine drain

Urine can be directed to the sink or shower drain, to infiltration or a container.

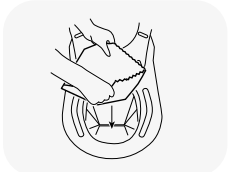
Incinerating toilets installation & accessories



Incinerating toilets information



How does a toilet visit work?



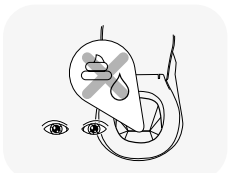
1. Place the disposable bag under the toilet seat on the trapdoor



2. Sit down, do your business and press the flush handle afterwards



3. Push down the flush handle



4. Check that the bag has fallen down the trapdoor



5. Always start an incinerating program

Read and see more on the following pages.

A toilet solution with ash as the only residual product

Our incinerating toilets are IP rated and approved for installation in bathrooms and other wet rooms. They are optimized for vacation homes, but also work in permanent residences. They have capacity for the waste of up to six people. Incineration time is adjusted according to the number of visits, for efficient combustion.

How does an incinerating toilet work?

Like a domestic oven with a higher temperature. After the toilet visit, an incineration cycle is started and the oven is heated to 550°C. This burns the solid waste and vaporizes the urine. Only a small amount of ash remains in the ash tray. If no one else visits the toilet, the cooling phase of the furnace begins.

Does it smell?

No. Almost not at all. Fumes and smoke are sucked out by a fan, and transported through an odor-eliminating catalyst before reaching the ventilation pipe. Outdoors, you may smell burnt wood during the combustion process.

How long does a complete incinerating process including heating, burning and cooling take?

Heating: 30 to 60 minutes depending on room temperature and volume.

Burning: 15 to 40 minutes depending on model and program.

Cooling: About 60 minutes.

In total, a full burn cycle takes between 100 and 130 minutes. Several visits in a row add time for each new incineration process started.

How do you keep the toilet clean?

Clean regularly with a damp cloth and a mild cleaner. Do not flush the inside or outside with water, as this may damage components. Treat the toilet bowl with stainless steel surface cleaner afterwards, so the bag slides down easily.

Some maintenance is indicated by the toilet, depending on how many hours it is used, such as cleaning the ashtray. Empty the ashtray, pour a liter of water into it and put it back. Then a programme starts. Clean the smoke pipe behind the toilet with the brush provided and a vacuum cleaner.

Maintenance

After 1000 incinerating hours, your toilet will recommend that you perform maintenance. During maintenance wear parts such as the heating element is replaced, and the catalyst is also cleaned. This maintenance operation is a recommendation, and it will increase the life span of your toilet. Contact your reseller for more information.

Safety

High security means comfortable ownership. Separett incinerating toilets are equipped with several independent sensors that monitor function and temperature. Mechanical overheat protection protects against overheating, while overvoltage protection protects against power surges and overloads.

Do not switch off the fan. It stops moist air from entering the toilet and protects electrical components.

Operating costs

The operating costs consist mainly of electricity and disposable bags. Depending on how many there are in the household, the price of both electricity and disposable bags varies.

When the toilet is not in use, the running costs are minimal. If you are absent for more than a month, remember to disconnect the toilet from the vent pipe, which must be plugged again. Turn off the switch and unplug the cord.

Installation

Always check with your local municipality what rules apply where you live. The incinerating toilet needs electricity and supply and exhaust air to work. It does not need drainage, water or a heated space. Always follow the installation instructions. Make sure that the ventilation ducts comply with the requirements in the respective manual. It must be possible to install a fresh air valve on an outside wall and there must not be a bathroom fan installed in the same room as the toilet. Always use the supplied 90°-pipe when installing. Installation that does not follow instructions may cause malfunction, and may affect any warranty claims. We recommend that a separate ground fault interrupter be installed.

Alternative installations

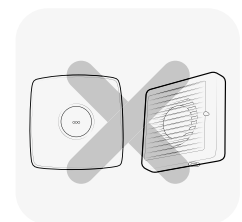
The fresh air valve is mounted on the outside wall. If it is placed directly behind the toilet, under the exhaust pipe, the diameter must be at least 110 mm. If placed elsewhere on the wall, the diameter must be at least 125 mm.

When installed according to alternative 1 or 2, the distance between the rear edge of the toilet and the inner wall must be at least 100 mm. This is to allow access to switches located on the back of the toilet.

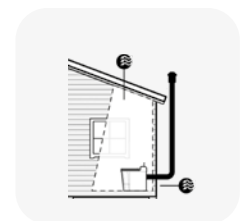
For installation according to option 3, the long 90°-pipe increases the distance to approximately 300 mm.

More information on installation, use, and maintenance can be found on our website or on our YouTube channel.

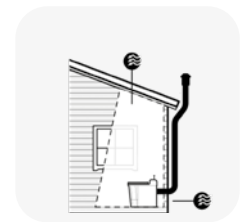
No bathroom fan in the room



Installation options



Alt. 1



Alt. 2



Alt. 3

Fresh air valve

Incinerating toilets installation & accessories



Family II

Art. no 1228-02



The modern incinerating toilet

No water or sewerage. 230 V. Information via display. Ash as residue.

Family II is our incinerating toilet that is now even better! The updated Family II takes combustion technology to the next level and is equipped with new features and optimizations that will exceed your expectations. Ash becomes the only residual product, of course, and through the user-friendly display, you get information such as when it's time to empty the ash pot or clean the toilet.

With smoother and more efficient use, as well as reduced need for maintenance, your experience will be optimal. Family II is a smart solution for more efficient and pleasant toilet use, perfectly fitting in all kinds of households!

When purchasing Family, the following is included: user and installation manual, poster - how to use the toilet, installation template, long bend Ø110 mm 90°, vent cowel Ø110 mm 90°, incineration bags, extra fuses, cleaning brush for smoke pipe, O-rings, screw-driver.

WARRANTY 3 YEARS

The 3 year warranty does not include wear parts. These have an individual warranty period. Elements 1 year, ash tray 2 years, thermocouple 2 years.

Material: Recyclable ABS, anti-bacterial, white lacquered galvanized sheet metal

Inner container inner part: Stainless stell plate

Ash tray: Acid-resistant sheet

Voltage/total power: 230 V, 1.8 kW,10 amp. fuse

Energy consumption: 1.7-2.5 kWh/visit

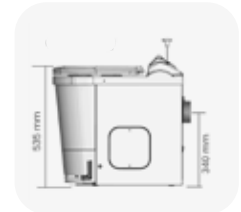
Power connection: Cord 2.4m with grounded plug

Noise level: Fan about 55 dB(A)

Max load: 150 kg

Seat height: 51.5 cm

Connections: Ventilation out from toilet: Ø110mm, ventilation in the space where the toilet is located: Ø110mm/160mm depending on position



Incinerating toilets installation & accessories

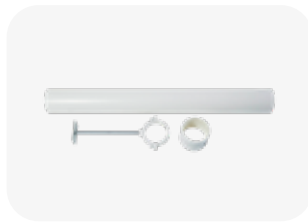


art. no 1181-01



1. Ventilation kit
 Ø110 mm, 4 m pipe, 2pcs wall brackets, 3pcs connecting pipes straight, 2pcs connecting pipes 45° and fresh air valve

art. no 1200-01



2. Supplementary kit
 Ø110 mm, art. no 1200-01, 1 m pipe, 1pc wall bracket, 1pc connecting pipe straight

art. no 1216-01



3. Pipe 90°
 Ø110 mm, for optimal air flow

art. no 1245-01



4. Fresh air valve extension
 150*150 mm

art. no 1193-01



5. Fresh air valve
 150*150 mm

art.no 1092-01



6. Outlet cowl
 Tile/paper roof Ø75/110 mm

art. no 1217-01



7. Vent cap
 Ø110 mm, for optimal air flow

art. no 1215-01



8. Insulated Seat 200
 Fits most toilet seats and gives you comfort all year round.

3 pairs/pack

art. no 1118-01



9. Bio Drain Cleaner
 Prevents build-up and blockage of urine drain on Pee and all urine diverting toilets on the market. Fresh citrus scent.

5 pcs/pack

art. no 1177-01



10. Bags
 For incinerating toilets
 500 pcs/pack

art. no 1218-01



11. Bag holder
 For incinerating toilets

art. no 1264-01



12. Pee
 Without power and water flushing. Convenient addition to your incinerating toilet.

art. no 1155-01



13. Child seat Sally
 Grey. Has a soft edge that makes it stable. Fits all toilets on the market.

art. no 1170-01 & 1169-01



14. Sally stool
 Blue art. no 1170-01
 Red art. no 1169-01

art. no 1268-01



15. Cover plug
 For 110 mm pipe, used in long-term storage.

Urine diverting toilets Installation & accessories



Urine diverting toilets information

How does a toilet visit work?



1. Always use the toilet sitting down



2. When you sit down, the concealing view screen swings away



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

Urine diverting toilet

A urine diverting toilet contributes to our environmental cycle. You can easily compost solid waste for a nutrient-rich mulch, perfect for improving your soil. Fertilize your lawn and plants with urine. Environmentally friendly and efficient.

Urine diverting toilets work in any environment, requiring no drainage, heated space or water. Empty the latrine container regularly for almost unlimited use. The toilets are powered by 120, 230V and 12V.

How a urine diverting toilet works

Solid waste is collected in a latrine container in the toilet. When it is full, it is simply lifted out. If you use our composter, you can compost the solid waste directly.

No latrine compost? Don't worry, it's easy. Just put the container in your garden, fill it with a little topsoil, leave the lid on and leave it for 1 year. Then you can bury or compost the waste. If you want to get rid of the solid waste, you can burn it in an approved incinerator.

Urine is led via a hose to the drain or via infiltration into the ground. You can also use a collection vessel if you want to use urine as fertilizer. Separett

Ejector Tank is available, where urine is mixed with water to become good nutrients for your garden.

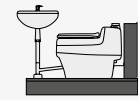
When urine is handled separately, the odor is significantly reduced. Only little odor remains and is ventilated out by a quiet, built-in fan. The fan keeps the air moving and contributes to a better indoor climate.

Which toilet suits you?

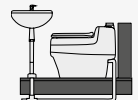
A large family needs more capacity than a small one, permanent residents have different needs than leisure residents. Choose a toilet according to your needs.

Thanks to the separation function, the amount of waste is reduced by about 85%, which means fewer emptying times. A vacation home with five people requires emptying approximately every three to six weeks.

Our urine diverting toilet solutions are used all over the world, from Greenland, via Swedish archipelago islands, to the mountain ranges of Peru. Always equally appreciated.



BDT drains



Ejector Tank



Tank

Separett Villa®

Art. no 1067-03



Quiet and odorless

230 V or 12 V operation. Unlimited capacity. Very low noise level.

Separett Villa® is a urine diverting toilet for cottages without access to electricity, it has a 12V fan with one speed.

The fan (2.5 W, 210 mA) has very low energy consumption and is therefore suitable for battery or solar power. In battery mode (12V, 100Ah), the operating time of the fan is about two weeks. The battery is not included.

When purchasing Separett Villa®, the following is included: the user and installation manual, universal adapter, battery cables, atrine containers, lids, 90° bend for Ø75 mm pipe, ventilation pipe 40 cm Ø75 mm, vent cowel, vent grille, insect net for ventilation pipe, cover for Ø75 mm and Ø32 mm pipes, 2 m white urine pipe Ø32 mm, 90° joint pipe Ø32 mm, straight joint pipe Ø32 mm, silicone list, wall bracket, screws, sample of Separett Bio Drain Cleaner, sample of latrine bags, and installation dimensional sketch.

Installation

For Separett Villa® with 12 V fan, a maximum of three 90° bends and 6m of ventilation pipes are recommended. Otherwise, Separett Villa® is installed in the same way as the other Villa models. Ventilation can take place through the wall or ceiling.

Material: Recyclable high gloss polypropylene

Inner container: 23 liters polypropylene

Full container approx. 8-10 kg

Voltage/total power: 12V/2.5W/210mA

Energy consumption: 0.06 kWh/day

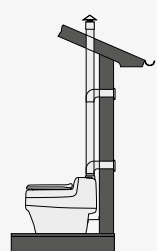
Power connection: Battery cable 1.9m alt. power adapter 12/230V

Noise level: <30 dB(A)

Max load: 150 kg

Seat height: 42 cm

Connections: Ventilation out: Ø75mm, urine drain: Ø32mm



Urine diverting toilets Installation & accessories



Villa® Extend

Art. no 1191-01



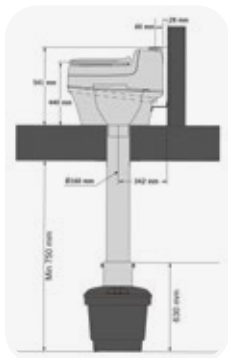
Less emptying with an external container.

230 V or 12 V operation. External waste collection. Very low noise level.

With Villa® Extend, the latrine container is located outside the toilet (not included). You can choose which container you want, and get a larger capacity than with Separett Villa®. The container must be accessible from the outside for emptying purposes. The external container is the only difference between our Villa® models.

Villa® Extend is perfect for those who want a lot of freedom of choice. The toilet works well in both vacation homes and permanent residences.

The purchase of Villa® Extend includes: user and installation manual, universal adapter, battery cables, funnel, 90° bend for Ø75 mm pipe, ventilation pipe 40 cm Ø75 mm, vent cowl, vent grille, insect net for ventilation pipe, cover plate for Ø 75mm and Ø32 mm pipes, 2 m white urine pipe Ø32 mm, 90° joint pipe Ø32mm, straight joint pipe Ø32 mm, silicone strip, wall



bracket, screws, sample of Separett Bio Drain Cleaner, installation dimensional drawing.

Installation

For Villa® Extend with 12 V fan, a maximum of three 90° bends and 6m of ventilation pipes are recommended. Ventilation pipes are installed in the same way as Separett Villa®. Ventilation can be through the wall or ceiling. Villa® Extend also requires a hole through the floor to lead the solid waste to a collection container (not included).

Material: Recyclable high gloss polypropylene

Voltage/total power: 12 V/2.5 W/210 mA, 230 V/16.5/11 W

Energy consumption: 0.06 kWh/day

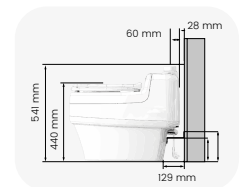
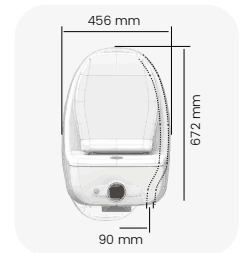
Power connection: Battery cable 1.9m or 12/230V power adapter

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

Max load: 150 kg

Seat height: 42 cm

Connections: Ventilation out: Ø75 mm, urine drain: Ø32 mm, pipe to latrine container: Ø160 mm



art. no 1227-01
Accessory kit (not included)

Tiny® Urine container

Art. no 1270-02



Separett Tiny® is a urine diverting toilet developed especially for Tiny Homes and other smaller installations such as mobile homes, caravans, boats, hunting lodges etc. All that is needed is 12V or 110-240V power and a 50 mm pipe out from the toilet for ventilation.

The toilet for small spaces!

Tiny® is Separett's latest addition of urine diverting toilets. With a smaller, sleeker design and lessons learned from decades of experience, Tiny® has led to the development of a modern urine diverting toilet specifically designed to fit smaller spaces.

Closed system

With containers for both, urine and solid waste, the only thing coming out of the toilet is air from the 50mm pipe that is pulled out of the compartment. If the toilet is used in a permanent residence by two people, the solid waste container needs to be emptied once a week and the urine tank 2-3 times a week. The urine tank is equipped with a sensor and the Separett logo on the toilet lights up red when it is time to empty the urine tank.

Hygienic and odorless

Separett Tiny® has high reliability and is easy to install. The fan removes the small odor that is produced despite urine separation and also contributes to a better

indoor climate by keeping the air in the room constantly moving.

Purchase of Tiny® with urine tank

includes: user and installation manual, battery cables for 12 V use, universal adapter for 110-240 V use, latrine container with lid, 1 urine tank, Ø 50 mm ventilation pipe 40 cm, adapter Ø 50 mm - 1 ½", ventilation grille with insect net, vent cowl, holder for Separett drain cleaner, installation sketch, screws for wall/floor, sample compostable bags, sample Separett Bio Drain Cleaner, sample Absorb, filter for ventilation pipe

Material: Recyclable high gloss polypropylene

Inner container: 14.5 liter polypropylene

Inner liquid container: 7.1 liter polypropylene

Voltage/total power: 12 V/1.6 W

Energy consumption: 0.04 kWh/day

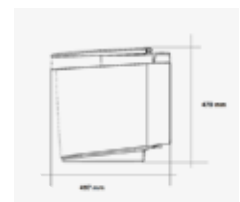
Power connection: Battery cable 1.55m alt. power adapter 110/230V-12V

Noise level: <30 dB(A)

Max load: 150 kg

Seat height: 44 - 45.2 cm

Connections: Ventilation out: Ø50 mm



Urine diverting toilets Installation & accessories



Tiny® Urine tube

Art. no 1271-02



Separett Tiny® is a urine diverting toilet developed especially for Tiny Homes and other smaller installations such as mobile homes, caravans, boats, hunting lodges etc. All that is needed is 12V or 110-240V power and a 50 mm pipe out from the toilet for ventilation and a 32 mm pipe for urine outlet.

The toilet for small spaces

Tiny® is Separett's latest addition of urine diverting toilets. With a smaller, sleeker design and lessons learned from decades of experience, Tiny® has led to the development of a modern urine diverting toilet specifically designed to fit smaller spaces.

High capacity

Thanks to urine separation, both the odor and the volume of waste to be disposed of are reduced. What comes out of the toilets is air from the 50 mm pipe that is pulled out of the toilet space and urine from a 32mm pipe behind the toilet. If the toilet is used in permanent accommodation by two people, the solid waste container needs to be emptied once a week. Urine is directed to an external container which is emptied as required.

Hygienic and odorless

Separett Tiny® has high reliability and is easy to install. The fan removes the small odor that is produced despite urine separation and also contributes to a better indoor climate by keeping the air in the

room constantly moving. The fan is efficient and quiet and is best operated continuously.

The purchase of Tiny® with urine tube includes: user and installation manual, battery cables for 12 V use, universal adapter for 110-240 V use, latrine container with lid, internal urine tube, Ø32 mm urine hose 2 m, Ø32 mm straight connector, Ø32 mm 90° connector, cover plate for wall duct Ø32 mm, 2 wall bracket for urine tube, Ø50 mm ventilation pipe 40 cm, adapter Ø50 mm - 1 ½", ventilation grille with insect net, outlet cowl, holder for Separett drain cleaner, installation sketch, screws for wall/floor, sample compostable bags, sample Separett Bio Drain Cleaner, sample Absorb, filter for ventilation pipe.

Material: Recyclable high gloss polypropylene

Inner container: 14.5 liter polypropylene

Inner liquid container : 7.1 liter polypropylene

Voltage/total power: 12 V/1.6 W

Energy consumption: 0.04 kWh/day

Power connection: Battery cable 1.55m alt. power adapter 110/230V-12V

Noise level: <30 dB(A)

Max load: 150 kg

Seat height: 44 - 45.2 cm

Connections: Ventilation out: Ø50 mm



Ejector Tank

Art. no 1013-03



With the Separett Ejector Tank, urine is automatically diluted so that flower beds, plants and lawns can soak up the nutrients without damage.

The volume of 50 liters is sufficient for vacation homes, with emptying every two or three weeks. A floater indicates when the tank is full.

Ejector Tank is easily installed, and works optimally with at least 2.5 bar (250 kPa) water pressure. Increased pressure means better performance when there is a difference in height between the nozzle and the tank.

When purchasing the Ejector Tank, a 50 liter container, lid with ejector 8:1, floater and hose 10 m 3/4" with 50 cm nozzle are included.

Installation

The Ejector Tank is connected with a 1/2" garden hose and can be buried a bit. Please note that the Ejector Tank must be placed lower than the toilet it is connected to. The connecting hose should have a slope of at least 1 cm per meter to ensure a fall to the tank.

Connections

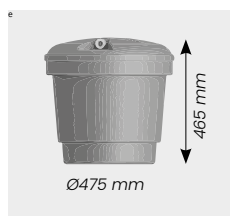
Urine drain in: Ø32 mm

Watering nozzle: quick coupling

Material: Recyclable polypropylene

Container 50 liters polypropylene

Full container approx. 45 kg



Rescue Camping

Art. no 1165-01

Mobile comfort

Suitable for all occasions

Rescue Camping is a portable, urine diverting toilet perfect for outdoor activities or allotment garden houses. Easy to assemble and transport thanks to its unique design. Dry waste is collected in a compostable latrine bag, while urine is emptied into the ground, or collected in an external container for later disposal.

When purchasing Rescue Camping, the bag, leg stand, urine hose, seat, lid and 10 compostable bags are included.

Combine with urine diverting child seat:

Separate urine diverting child seat makes Rescue Camping a dear companion on trips with kids.

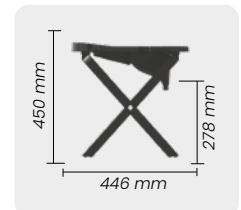
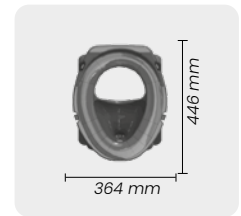
Material: Recyclable polypropylene

Inner container: Bag 27 liter

Full bag: About 9-11 kg

Max load: 150 kg

Seat height: 45 cm



Urine diverting toilets Installation & accessories



Insulated Seat 200

Art. no 1215-01



Insulated Seat model 200 is an interchangeable insulated seat, which fits all Separett toilet seats and many other toilet seats on the market. 3-pack (3 pairs/pack).

Material Alveolit (polyethylene cellular plastic)

Insulated Seat 300

See art. no below



Grey - Art. no 1235-01

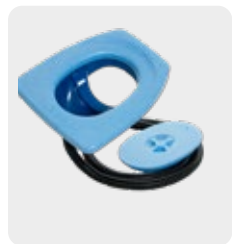


Blue - Art. no 1012-03

Insulated Seat model 300 is a replaceable extra strong insulated seat, which is placed on the bench in the outdoor toilet. It is 30 mm thick and available in grey and blue. Also suitable for Privy 500.

Privy Plastic seat/Insulating seat/Wooden seat

See art. no below



Blue - Art. no 1011-03

Upgrade your outdoor toilet

Separett's urine diverting Privy is easily mounted on an existing outdoor toilet. Thanks to the urine separation, almost all odors disappear, waste is reduced and emptying is less frequent.

Buy Privy with plastic or styrofoam seat. Both models come with urine hose, and hole pattern for quick installation on your toilet.

Privy comes with a 2.5 m urine hose, urine separating insert, hard plastic toilet seat (501) or styrofoam insulated seat (500), and fasteners (wood screw).

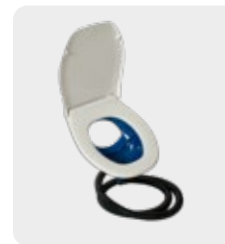
Installation

Privy 501 and 500 are easy to install. Use the supplied hole pattern to saw the bench and then install the insert using the supplied wood screws. For new builds, we recommend a seat height of approximately 42 cm.

Connections: Urine drain: Ø32 mm

Material Privy 501: Recyclable high gloss polypropylene, seat: polypropylene

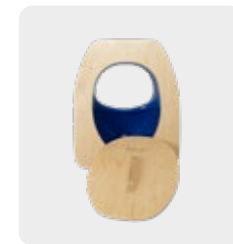
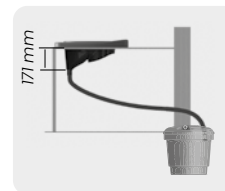
Material Privy 500: Recyclable high gloss polypropylene, seat: cellular plastic (styrofoam)



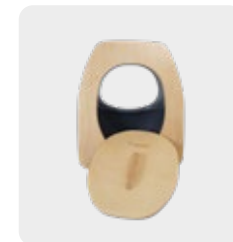
Blue - Art. no 1121-03



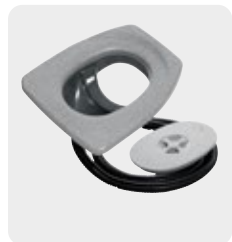
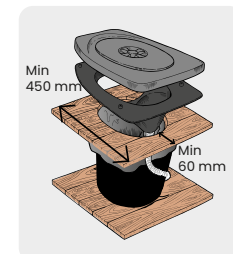
Grey - Art. no 1267-01



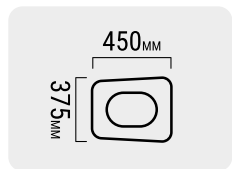
Blue - Art. no 1298-01



Grey - Art. no 1300-01



Grey - Art. no 1265-01



Applies to all models

Urine diverting toilets Installation & accessories



art. no 1021-01



1. Connecting pipe
90°, Ø75 mm

art. no 1023-01



2. Connecting pipe
Straight, Ø75 mm

art. no 1027-01



3. Cover plate
Ø75 mm

art. no 1030-01



4. Vent cowl
Ø75 mm

art. no 1020-03



5. Ventilation pipe
2 x 1 m, Ø75 mm, incl. 1pc connecting pipe straight, braces and spacer

art. no 1025-01



6. Joint sealant
Ventilation pipe Ø110-75 mm

art. no 1024-01



7. Joint sealant
Ventilation pipe Ø75-55 mm

art. no 1092-01



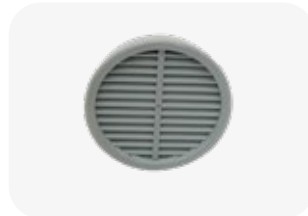
8. Outlet cowl
Ø75/110 mm, for safe roof access

art. no 1032-02



9. Urine drain kit
Ø40-32 mm

art. no 1026-02



10. Cover plate
Ø75 mm

art. no 1035-01



11. Latrine container with lid
About 28.5L, fits Separett models 4000-6200 and Weekend

art. no 1212-01



12. Replacement container with handle
Fits Separett Freeze

art. no 60415



13. Latrine container with lid
About 35L, fits Sanitoa

art. no 1192-01



14. Latrine container with lid
About 50L, fits Villa® Extend

art. no 1098-02



15. Latrine container with lid
About 23L, fits Separett Villa®

art. no 1215-01



16. Insulated Seat 200
3-pack. Fits most toilet seats on the market.

3 pairs/pack

Urine diverting toilets Installation & accessories



See art. no below



17. Insulated Seat 300

Extra powerful. Placed on the bench in the outdoor toilet.

art. no 1235-01 & 1012-03

art. no 1060-01



18. Absorb

Binds excess liquid and minimizes the risk of odor.

art. no 1126-01



19. Waste bag

For containers up to 35L

art. no 1118-01



20. Bio Drain Cleaner

Prevents clogging of the urinal drain.

5pcs/pack

art. no 1127-02



21. Compostable waste bag

Compostable, for containers up to 35L

art. no 1037-01



22. Waste bag

For containers up to 50L

art. no 1101-01



23. Child seat

Urine diverting child seat. Perfect complement to your urine-separating toilet.

art. no 1170-01 & 1169-01



24. Sally stool

Blue art. no 1170-01
Red art. no 1169-01

art. no 1227-01



25. Accessory kit Villa Extend

External waste collection system

art. no 1013-03



26. Ejector Tank

50L with 10m hose

Urine toilets



Pee

Art. no 1264-01



A perfect addition

Separett Pee is a urinal for wet waste, and a great addition if you already own an incinerating toilet. You can reduce the energy consumption of the incinerating toilet by 80%, as urine takes longer to burn than solid waste.

Pee is also perfect as a night toilet or in an allotment garden house and can be easily connected to our Ejector Tank to turn urine into fertilizer for your garden and plants.

Pee comes with a user and installation manual, 2 m of Ø32 mm urine pipe, 2 wall brackets for Ø32 mm urine pipe, 90° connecting pipe for Ø32 mm urine pipe, straight joint for Ø32 mm urine pipe, cover plate for Ø32 mm urine pipe, wall bracket for the toilet, and screws for installation.

Information

Material: Recyclable ABS, antibacterial, seat: polypropylene

Seat height: 45 cm

Connections: urine drain: Ø32 mm

Max load: 120 kg



FAQs

Quick guide for buying a new toilet solution

There is a lot to consider when choosing a toilet solution. But don't worry, at Separett we're on top of things and can guide you quickly through the world of waterless toilets.

Municipal regulations

First of all, the municipality decides how you should handle latrine, urine and urine-mixed flush water. Municipalities base their decisions on local environmental conditions, and it is their environmental committee that decides what you can and cannot do. When you apply to install a new toilet solution, they will check if your toilet solution:

- meets the level of protection that applies to the site
- is sized for five permanent residents (also applies for vacation homes)
- is complemented by some form of treatment for your domestic waste water (BDT water)

Local authority regulations are in place to reduce the spread of bacteria. Therefore, there is a requirement that the material must not be spread until at least 12 months after the last filling of the compost took place. Always check with your local municipality to find out what rules apply where you live.

Available space/Suitability for infiltration

The more space there is near the toilet, the more possible solutions you can choose from. So think about your toilet solution early in the building process, if you are building new.

Under the floor, you can use a decomposition room or latrine pit (if you want to use outdoor latrine composting). Make sure your space is big enough for your toilet solution.

If you are allowed to use urine infiltration, it is important to consider the suitability of the land, distance to surface water, drinking water supplies and the property boundary. Sometimes you will need to dig test pits to determine soil suitability and distance to groundwater.

Comfort, handling, costs

Do you wish for high comfort? Or will you be satisfied with a simpler option? How much do you want to spend on waste disposal? Think about what is important to you. The higher the comfort and the higher the level of automatic waste disposal, the higher the price (both for purchase and operation) and vice versa.

Incinerating toilets

1. How does an incinerating toilet work?

In simple terms, the toilet works like an oven, but with a higher working temperature. Once a visit is completed and an incineration cycle is started, the furnace heats up to about 550°C. This burns the solid waste and vaporizes the urine - only a small amount of ash is then left in the ash tray. Assuming no one else has visited the toilet in the meantime, a cooling phase is now started to cool down the furnace.

2. How does a toilet visit work?

- A disposable bag is placed in the toilet bowl under the toilet seat
- Do your business, always sitting down, and then push the flush handle so the bag slides into the combustion chamber. Check that the bag has fallen down
- Then start an incineration program. Read and see more under the respective incinerating toilet

3. How much energy do Separett's incinerating toilets consume?

Family II consumes between 1.7–2.5 kWh/visit, depending on the electricity price, the cost per visit varies.

4. Do I need a permit to install an incinerating toilet?

If you are considering buying an incinerating toilet, you should first check the regulations in the municipality where you intend to install your toilet. The rules vary from one municipality to another.

Urine diverting toilets

1. How does a urine diverting toilet work?

A urine diverting toilet separates urine and solid waste and is equipped with a fan that draws out moisture and air - making the space where the toilet stands odor-free. The urine is discharged into a collection tank or infiltration system, while the solid waste goes into a compostable bag made from corn starch, which can then be composted.

2. Where does the urine go?

The urine is discharged through a urine hose, for example to a soil infiltration, BDT drain or collection tank. We recommend connecting an Ejector Tank where the urine is automatically diluted with water to the correct mixture, so that plants can take up the nutrients without being harmed. Then the urine which contains most of our useful waste, can be easily spread in a flower bed. When using the Ejector Tank, you never come into "contact" with the urine and don't have to transport or carry it - just plug in the garden hose. **NOTE!** Always check what is applicable in your municipality.

3. How do you handle solid waste?

The solid waste, poop and toilet paper, goes into a container with a latrine bag and can either:

- Be burn up and turned to ash
- Stand in a suitable outdoor location (with soil at the top of the container and lid on) for 12 months and then can be buried or composted in a regular compost
- Be composted directly in approved latrine compost.

NOTE! Always check what applies in your municipality.

Warranty

Art. no	Product	Warranty
1013-03	Ejector Tank 50l with 10m hose	3 years
1067-03	Separett Villa® urine diverting 12V	5 years, does not include the fan which has a warranty of 3 years
1191-01	Separett Villa® Extend urine diverting 12/230V	5 years, does not include the fan which has a warranty of 3 years
1270-01	Separett Tiny® with urine tank, urine diverting	5 years
1271-01	Separett Tiny® with urine tube, urine diverting	5 years
1228-02	Incinerating toilet Family II 240V	3 years, does not include wear parts. These have an individual warranty period: element 1 year, ash pan 2 years, thermo sensor 2 years
1264-01	Separett Pee urine toilet	3 years
1165-01	Rescue Camping portable urine diverting	2 years



Separett®
Waterless toilets

www.separett.com

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Art. no 11247-10



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