

MullToa
A SWEDISH INNOVATION!

The art of identifying a MullToa toilet.

A real MullToa toilet is the only biological toilet that produces humus right there. No chemicals; just nature. The humus is a gift back to nature.

Our largest model, the MullToa 65, is the market's only biological toilet that is environmentally approved and has the Swan Nordic Ecolabel.

On the Swedish market, MullToa has become so popular that the brand is sometimes used in a general sense to designate a biological toilet, regardless of the make. For that reason, we need to provide some information here so that customers can avoid making an unfortunate mistake. If you want to be sure to choose the right brand, ask your retailer to show you a real MullToa humus toilet, which does exactly what it promises.

Now you can certainly understand why MullToa is Sweden's best-selling biological toilet.

MullToa
A SWEDISH INNOVATION!

– A little rounder. A little friendlier. –

Swedish Ecology AB » Klippan 1J » S-414 51 Göteborg » Sweden
Tel: +46 31 42 29 30 » Fax: +46 31 42 49 08 » info@mulltoa.com
www.mulltoa.com



A toilet...

... for the sake of mankind.

Is your toilet close to your heart in your cottage?

With MullToa, you get an attractive, easy-care biological toilet for your holiday cottage, with a closed system and no drainage. It is manufactured in Sweden and is a true environmental friend. No chemicals; just nature! Use it as you would use any ordinary toilet.

What's special about MullToa is that the composting process takes place right there, in the toilet itself. That's why it is slightly rounder around the "tummy". The toilet is virtually maintenance-free, almost like an ordinary toilet. And when it needs to be emptied, the humus is like a gift back to nature.

For us, this is something close to our heart.



**A little rounder.
A little friendlier.**

MULLTOA 65 NEW!

The MullToa 65 is our flagship and offers everything you could dream of in terms of a toilet with no drainage or water. It is the market's only Swedish-manufactured biological toilet that is environmentally approved and has the Swan Nordic Ecolabel. The toilet has a large capacity and can cope with year-round use by four people. It's so comfortable, it's easy to forget that the MullToa 65 is not simply an ordinary water toilet.

In order to be environmentally approved, the MullToa 65 has passed the most comprehensive tests around for challenging biological toilets in terms of environmental requirements, functional requirements and quality. Apart from its capacity, two practical indicators (for emptying and liquid control) and the fact that the compost cover has double functions, meaning that it opens regardless of whether you want to sit or stand, this toilet is identical to its little brother, the MullToa 55.



MULLTOA 55 NEW!

The MullToa 55 is like the flagship MullToa 65, except that the capacity for normal use and temporary overload is not quite so extensive. If you don't need a toilet that can cope with year-round use by four people, but works fine for a complete season in your cottage, the MullToa 55 is probably the best model for you.

The MullToa 55 can cope with the seasonal use of four people, and the practical humus tray only needs to be emptied once a season with normal use. As the composting process in a MullToa toilet occurs naturally in the toilet itself, what is produced is pure humus that can be returned to nature. Could it get any simpler or more convenient? More sustainable or environmentally-friendly?



MULLTOA 20

The MullToa 20 is the big brother of our smallest offering. The MullToa 20 is suitable for the seasonal use of one to three people. As with the other family members, the composting process takes place right there, in the toilet itself. No chemicals – just nature. What needs to be emptied from the tray before the start of the season has become humus, which is simply returned to nature.



A motor automatically mixes the compost after each use. This avoids guests or children needing to remember the otherwise mandatory “flushing”. For the lazy user, the MullToa 20 is an ideal choice when there are up to three people in your holiday cottage.



Capacity: 1-3 people for seasonal use. **Max power:** 300 W. **Dimensions:** Height 65 x Width 55 x Depth 71 cm – required floor space 55 x 110 cm.

MULLTOA 10

The MullToa 10 is the smallest product based on the same principles as the MullToa 20. The MullToa 10 is suitable for anyone willing to do a little more for themselves and pay particular attention to product maintenance. After each use, the handle needs turning a few times so that the compost is mixed. An adjustable thermostat helps adapt capacity to actual use.



For users not afraid of a little extra maintenance and who need to cope with the seasonal use of up to three people, the MullToa 10 is the best option. When it comes to the environment, it is just as good as the larger models. And when it comes to your wallet, it's the best.



Capacity: 1-3 people for seasonal use. **Max power:** 250 W. **Dimensions:** Height 65 x Width 55 x Depth 71 cm – required floor space 55 x 110 cm.

Environmentally-friendly luxury – without water or drainage!

A true MullToa – produces humus right there.

MullToa is a specifically Swedish brand for a biological toilet that produces humus right there, in the toilet itself. The composting process takes place using nature's own microorganisms. MullToa, which in English means humus toilet, is so called because it produces natural humus without the need for separation or chemicals. An environmentally-friendly luxury – without water or drainage.

Awarded the Swan Nordic Ecolabel.

There is no other biological toilet that functions as described above. Our largest model, the MullToa 65, is the only Swedish-manufactured biological toilet that is environmentally approved and has the Swan Nordic Ecolabel.



A MullToa toilet is labelled MullToa.

On the Swedish market, the brand has become so popular that people often speak informally of a "mulltoa" as a general term for biological toilets, whatever the brand. Therefore, in Sweden we are particularly aware that people may talk about their "MullToa" in good faith but actually own a toilet of a completely different make. So if it's a MullToa you want, you shouldn't settle for anything else.

Select a model by capacity.

Select a model according to your needs and requirements. If the challenge is four-person use for normal holiday living, then the MullToa 65 can cope with this, with one or two emptyings of the fine humus a year. Compare the capacities of the MullToa 10, 20, 55 and 65 to find the right model for you.

Ask for the Swan Nordic Ecolabel.

A Swan Nordic Ecolabel means that the product has been tested and environmentally approved in accordance with criteria established by the Environmental Protection Authority, the National Board of Health and Welfare and the Consumer Protection Agency in Sweden, Norway and Finland. This involves the most extensive testing and includes both environmental testing and quality controls. If you want the most environmentally-friendly biological toilet, the Swan Nordic Ecolabel is a safe bet. MullToa is the only brand on the market with this label. Test reports in their entirety can be viewed at: www.mulltoa.com



The humus you empty from a MullToa is only 5-10 per cent of the original volume. The picture shows how much the toilet can handle before you will need to empty it for the first time. Incredible, isn't it?

Don't forget the installation package.

You will need to purchase the installation package which contains ventilation pipes (4), exterior pipe, insulation (2), reducing coupling, roof flashing and insect netting.



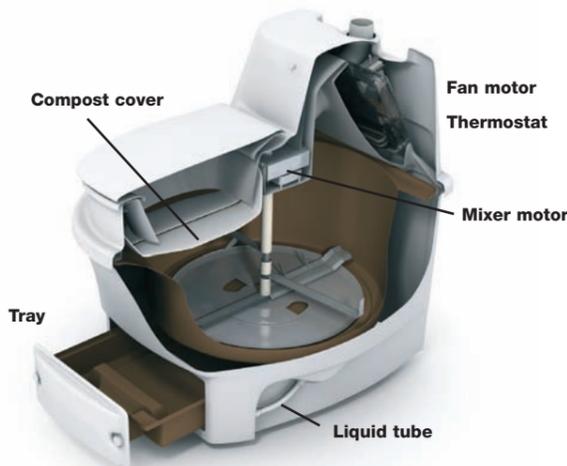
If you choose to go out through an external wall, a wall connection set is available as an optional extra.

Simple and hygienic maintenance.

What is produced is humus that you return to nature. See separate maintenance information under each model in the comparative table.

Low operating costs.

Electricity consumption is minimal, so operating costs are low.



Simple installation.

It is simple to install a MullToa toilet with the help of the installation instructions that comes with the product. The most frequently asked questions can be viewed under Questions & Answers in this brochure.

A patented Swedish invention.

Swedish Ecology AB is the Swedish company behind the quality brand of MullToa. The product range is a Swedish innovation, with production in Sweden. The quality, environment and sustainability perspective makes MullToa a unique product range designed for the aware user who demands a lot from his supplier in terms of everything from comfort to the environmental aspect. For more information about Swedish Ecology AB, visit: www.mulltoa.se

Frequently asked questions & answers about MullToa.

CAPACITY.

1. How often do I need to empty the humus tray?

Answer: With continuous use, you will normally need to empty the humus tray every four to six weeks. In a summer cottage, this means once or twice per season.

2. Is the compost ready to use immediately?

Answer: If emptying takes place before the start of the season in spring, which is most common, you can empty the contents of the tray directly onto your flower beds. (If you empty during the season, you may need to compost the contents of the tray further, before spreading it on your garden. To be on the safe side, contact your local authority to find out about local regulations.)

3. How can such a small tray last so long?

Answer: That's what's so great... As the liquid evaporates and the waste composts while the toilet is in operation, the volume reduces significantly. What you empty is only around 5-10 per cent of the original volume.

ODOUR-FREE.

1. How do I avoid odours?

Answer: Correctly installed, there will be no odour in the room where the toilet is located, regardless of whether the toilet is switched on or off. Correct installation is vital for odour-free operation.

INSTALLATION.

1. What is most important for installation?

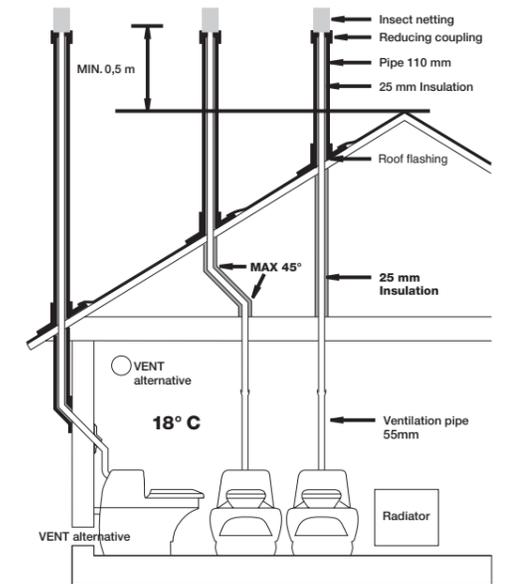
Answer: The most important thing is to follow the simple instructions carefully, as the installation affects the capacity of your MullToa toilet. The toilet room must remain at 18°C or above, while the toilet is being used.. The pipework is also important since the liquid needs to be evacuated. For this reason, you should avoid using too many bends, or bends that are too sharp, and remember to insulate all pipework outside the toilet room. Uninsulated pipes and sharp bends reduces the air flow, which affects capacity.

2. Why should the toilet be switched off when you leave the house for longer than two days?

Answer: In order to retain the moisture content as long as possible, even during periods when it is not in use. This aids the composting process and also saves energy.

3. How much air does the toilet need?

Answer: The evacuation level is only around 20-25 cubic metres an hour, but it is important to have a wall vent through the outer wall to provide adequate air supply.



4. Can I have a shower in the same room?

Answer: It is absolutely fine to have a shower in the same room. Do not add another fan. Instead, let the toilet evacuate all the air from the room.

5. Should the ventilation pipe go up through the roof or out through the wall?

Answer: As long as you meet the toilet's installation requirements, both options work fine. However, going up through the roof has major benefits from a ventilation perspective, as there is minimum air resistance.

MAINTENANCE.

1. Do you need to use special toilet paper?

Answer: No, use whatever toilet paper you are happy with.

2. Can the toilet cope with the cold?

Answer: Yes, when the toilet is not in use, there are no problems if the temperature in the toilet room falls below zero.

Can I install it myself?

Answer: Yes, you can. You need an earthed electrical socket. The rest of the installation you can do yourself. Remember to follow the instructions, point by point.

MullToa	65	55	20	10
Manual mixing				●
The motor does the mixing after each visit	●	●	●	
Has an extra (3rd) rake for increased mixing	●	●		
Thermostat for heat control	●	●	●	●
Equipped with extra element in bottom	●	●		
Float function in tray to monitor liquid volume	●	●		
Grating with valve function	●	●		
Compost cover	●	●	●	●
Environmentally marked with Swan Nordic Ecolabel	●			
Indicator light for liquid level too high	●	●		
Indicator light when it is time to empty humus tray	●	●		
Compost cover opens when seat ring unfolds	●	●		
Recommended load holiday use (+guests)	4-6 (+1-2)	2-4 (+2)	1-3 (+1)	1-3 (+1)
Recommended load permanent use (+guests)	2-4			

(Guest load relates to shorter visits of 1-2 days)

Choose the MullToa model that suits you best. If you are unsure, speak to your retailer.