



# GREEN TOILET

## Light

### INSTALLATION AND USER MANUAL



# CONGRATULATIONS ON MAKING AN ECOLOGICAL CHOICE!

By using a dry toilet, you can save clean water and recycle nutrients on your own property, while also achieving significant financial savings. The Green Toilet Light is a dry toilet that separates urine from solid toilet waste on the seat. Liquid waste goes out of the front bowl and is collected separately, while solid waste is collected in the waste container inside the toilet.

## INSTALLATION IN AN OUTHOUSE

The Green Toilet Light is installed directly on the floor in a location where a maintenance hatch can be made in the back wall of the toilet. It is recommended to first mark the back wall with a marker to indicate where the hatch should be made, and then saw along the mark. The toilet itself can be used as a template for this process.

Once the hatch has been made, the toilet can be placed against the back wall. The body of the toilet is designed in a way that hides the sawed area behind the edge of the frame.



Next, you need to decide which side to run the ventilation pipe. There are ready-made places for the pipe to exit on both sides of the toilet seat. Once you've made your selection, cut a hole for the ventilation pipe on that side. A knife can be used for cutting, as the cutting seam is already thinned.

Insert the vent tube into the opening and continue with the ventilation pipes as you like, either through the ceiling or the wall. You may need to use bend pieces or flexible pipes for the installation, which can be purchased from

Pikkuvihreä or a hardware store. Note that the ventilation works best when the pipe is pulled as straight as possible. If you need to make corners, it might be helpful to add a wind fan (optional) at the end of the tube to improve traction.

Once the vent pipe is in place, add a vent pipe cap to the end of it to prevent rainwater from entering the pipe.

To continue the installation process, you need to select the side from which you want to take out the urine. There are pre-made through-holes on both sides of the back of the toilet frame that you can use. Simply pierce one of them with a knife and bring the accordion pipe through it.

If you require additional hose, you can purchase it from Pikkuvihreä or a local hardware store. Once you have the hose, connect it to the collection canister or filter. Then, place the biobag and waste container under the seat and put the back cover of the toilet in place.



## INSTALLATION INDOORS

For indoor installations, the Green Toilet Light can be installed without a maintenance opening in the wall. To empty the waste container, turn the toilet body to the side to remove the container from behind.

The ventilation pipes are installed in the same way as in the outdoor installation, but it may be necessary to partially use a flexible pipe to simplify maintenance. Additionally, for indoor installations, it is recommended to use an electric duct fan to ensure efficient ventilation in all situations.



## USAGE AND SERVICE

Green Toilet Light is used seated, including men. The urine passes correctly from the front bowl to the urine hose. Solid waste and paper are collected in a waste container that can be lined with biodegradable bags to facilitate maintenance. There is no need for dry material in a urine separating toilet, but you can use it if you prefer. You may rinse the urine bowl with water after use if you like, even with a watering can if no pressurized water is available. This prevents sediment from forming in the pipe. Urinal capsules can also be used for this purpose.

### To manage toilet waste, you will need...

1. A canister or other container for storing urine. Alternatively, a filter and ejector tank can be used to further use urine in the yard. If interested in these latter options,

contact us at Pikkuvihreä. When the canister is full, you can use the nutrient-rich urine for watering and fertilizing your plants. Dilute the urine with plenty of water before use and note that fertilization should be stopped between July and August to avoid disturbing the plants' preparation for winter. Do not let urine end up in waterways, as it contains a lot of nutrients. Keep a good protective distance from the shore, ditch, well, etc.

2. You will also need a composter for composting solid waste. The waste should be composted in a composter with a lid to prevent rainwater from draining nutrients into nature. The solid waste is typically quite dry and may require some watering (urine or water) and coarser material, such as garden waste. The best composting result is obtained when the compost is suitably moist. Use a biodegradable bag in the bucket to make emptying into the composter clean and easy. Do not put toilet waste in mixed waste.

The toilet and thermal seat can be cleaned with water and mild detergent as needed. The thermal seat is a wearing item that should be replaced when it starts to wear out to maintain hygiene.

## **WARRANTY**

The Green Toilet Light dry toilet has a 5-year frame warranty, but the warranty does not apply to moving parts such as the thermal seat or a separately sold fan.

## **CONTACT INFORMATION**

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