



GREEN TOILET

100 Easy

INSTALLATION AND OPERATING MANUAL



 **Pikkuvihreä**



CONGRATULATIONS ON YOUR ECOLOGICAL CHOICE!

By using a dry toilet, you can save clean water, reduce the amount of waste water, recycle nutrients on your own property, and at the same time also get financial savings.

Green Toilet 100 Easy is a composting toilet that can be used both in an outhouse or indoors. All toilet waste, the liquids and solids, together with the toilet paper go into the same composting container. The special double base of Green Toilet efficiently separates the excess liquid from the compost mass, which is the key feature for preventing odor problems and enables composting.

Green Toilet 100 Easy is suitable for 4-5 persons in seasonal use, e.g. in a holiday home and for 2-3 persons in continuous use. Like the other Green Toilets, there is a spare container available for the Green Toilet Easy as well. The use of a spare container doubles the capacity of the system and makes the service effortless. One doesn't have to handle any raw compost at any point.

CONTENT OF THE PACKAGE

- Toilet tank and seat cover
- Green Toilet hinged thermal seat
- Ventilation kit (diam 75 mm): 3 pcs black hard pipe 70 cm, flexible pipe 80 cm, fixtures and joints, ventilation pipe hat
- Liquid hose 150 cm, diam 32 mm
- Plug for covering the liquid outlet 75 mm
- Pack of dry material for composting
- Manual for installation and use



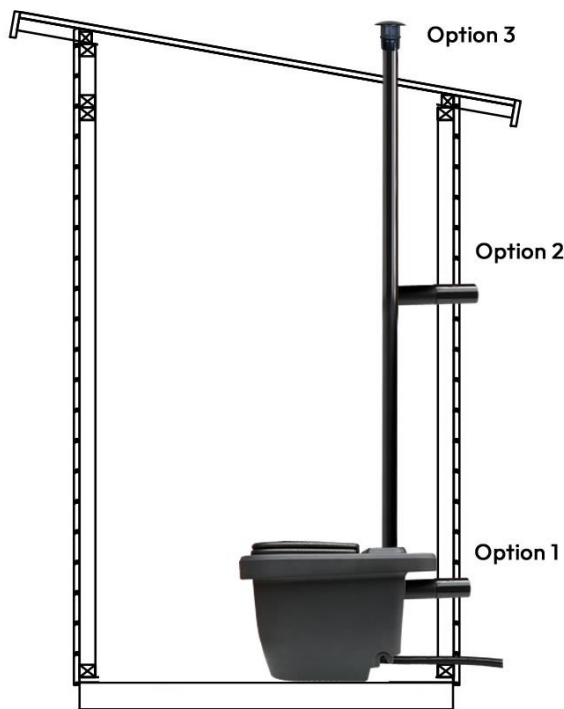
OUTHOUSE INSTALLATION

Green Toilet Easy is installed directly on the floor so that there are openings from behind for the ventilation pipe up and for the liquid hose down.

Ventilation pipe installation options:

- A. The ventilation pipe is installed from behind the toilet directly out of the back wall. The opening for this installation option is ready-made behind the toilet. After the hard pipe, a flexible pipe is used in the bend and the pipe is brought up, preferably at least above the level of the eaves. The flexible tube in the package can be cut shorter and used if a bend is needed for installation in another direction.
- B. If you prefer to install the ventilation pipe from the top of the toilet or from the back left, you can plug the readymade hole with the 75 mm plug included in the package and drill a new hole in the desired place. The device has small drill hole marks in alternate places on the top and back. Install the flexible tube in the place from where you maintain the toilet. You can use the flexible tube in bends and cut it in a suitable length.

A picture of the alternative installations of ventilation pipes:



Please note that the ventilation works best if the pipe is pulled as straight up as possible. If you must make bends in the line, it may be wise to add a wind fan (accessory) to the end of the pipe to improve traction.

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

For the liquid hose, you need a hole in the back wall, as low as possible or out through the floor. Connect the liquid hose included in the package to the toilet. The hole is at the bottom in the back. Connect the hose outside to either a collection canister or, for example, a GeoTrap Dry Toilet filter (accessory).

INTERIOR INSTALLATION

Green Toilet 100 Easy can also be installed for indoor use. The installation is basically the same as for an outhouse, but in this case special attention should be paid to ventilation.

If electricity is available at the site, it is advised to install an electric duct fan in the ventilation pipe, which ensures ventilation in all conditions. If there is no electricity, the ventilation pipes must be installed straight up to the roof, so that gravity ventilation works as intended. In this case, you should add a wind fan to the end of the pipe.



GETTING READY

When the toilet, ventilation pipes and liquid hose have been properly installed, the toilet itself is prepared for use. Cover the double bottom of the toilet with a generous layer (about 5–10 cm) of the dry material that came within the package. With this layer, composting gets off to a good start from the beginning.

Remember to do this every time take an empty tank into use. As bedding, you can use anything organic material, such as peat, saw dust, dry leaves from the garden etc.. Green Toilet 100 Easy works well with different dry materials.



USAGE AND MAINTENANCE


With Green Toilet 100 Easy, you do your business like in a water toilet - only the flushing is missing! After using the toilet, add about 2-3 dl of bedding on top of the waste. Alternatively, you can add bedding as a separate maintenance procedure a couple times a week.

During use, more compost accumulates in the middle, and from time to time it would be good to level the compost with a tool reserved for it: a compost mixer, a manure fork or a wooden stick. At the same time, it is worth aerating the compost a little, because oxygen is important in the process. Compost that is too dense does not work well.

Excess liquid from the compost flows out through the liquid outlet at the back, either into the canister or the filter. During use, it is good to observe the liquid collection container every 2-3 weeks and, if necessary, empty the leachate. It can be poured into, for example, garden waste compost, where the urea it contains speeds up composting. It can also be used directly as an organic fertilizer for non-edible plants such as large trees and shrubs.

Note! The leachate is very rich in nutrients and therefore its entry into the water system must be carefully prevented. Keep a good distance from the shore, ditch, well, etc. when using leachate for fertilization. Also, change the place regularly with emptying layers.

When Green Toilet Easy becomes full, it is time for service. Do this:

1. Place the wheel assembly under the tank if it is not already in place. Behind the tank there is a hole where the axle fits.
-  2. **Before discharging the liquid hose from the back, tilt the toilet a bit from the front. Thus, some of the excess liquid will flow out before releasing the liquid hose. After loosening the hose, place the black plug to the outlet to prevent any leakages while wheeling the toilet out.**
3. Use the wheels to take the tank out. The container can be carried past possible thresholds or steps by lifting it from the edges.
4. **Emptying and using the compost**
If you use a Green Toilet 100 Easy replacement container, maintenance is particularly easy. Just move the closed lid over the full tank. Take the replacement container to a suitable, sunny place on the plot to compost.
If there is no replacement container, you can move the toilet compost to the same container as the garden waste, to the compost it to the end.
5. Before taking the toilet back to its place, you should wash the outside of the toilet and the thermal seat with water and a mild detergent. Also note that the thermal seat can wear out it would be good to replace when it starts to wear out to keep it hygienic.
6. After emptying the tank, remember to cover the bottom of the Easy again with dry material before putting it into use
7. Take the toilet back to its place. Connect the ventilation pipe and the liquid hose.
8. You may now continue to use the toilet as before

Toilet compost is usually ready to be used for soil improvement and fertilization after 8-14 months of composting. It is good to mix the compost with soil before use, for example sand, so that it is not too nutritious for the plants.

FOR WINTER USAGE

Green Toilet 100 Easy can also be used in winter, but then you should consider the following:

- It is good to go into the winter season with an empty or almost empty tank
- The use of dry material should be considerably increased
- Replacement tank helps to get through the winter season without running out of capacity
- Easy's frame can withstand possible freezing of the compost without breaking

Manufacturer:

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Warranty: frame warranty 5 years, other parts 1 year (except thermal seat) from the date of purchase.