

Checklist of all known causes for a drying malfunction



1. Too much moisture or liquid penetrates the toilet or the solids bin.

- Was peeing done while standing? (The side of the partition flap facing the rear wall does not have a guide lip - if liquid comes into contact with the rear edge of the trap door at high pressure, e.g. when peeing while standing, the liquid will run into the solids tank).
- Is the separating flap tight? (This can be checked with a simple water test and kitchen paper. IMPORTANT: do not flood the trap door, but test it realistically with a gentle jet - otherwise you will have the same effect as with standing peeing)
- Have screws, glued seams or components been removed or damaged? (This can cause hidden leaks. In the case of Nature's Head, for example, the glued seams are not silicone, but special glue. Silicone does not adhere and therefore does not seal).
- Are there any illnesses or similar conditions that increase the liquid absorption in the solids tank? (In such a case, the solids tank must simply be emptied a little more often).
- Is running water used for cleaning or use, e.g. anal showers? (If running water is used, there is a risk of too much liquid getting to the rear of the separation flap, similar to standing pee. We therefore recommend cleaning only with spray bottles or similar).
- OGO only: Does water get into the toilet from outside, e.g. through running water from the shower head? (The OGO is splash-proof, but if there is a lot of running water, it can get into the toilet).

2. The vent is not working properly or sufficiently.

- Is the vent running continuously? (While using a composting toilet, the fan should run continuously and not be turned off by switches or something similar. The fan does not draw odors to the outside, but provides continuous removal of moisture from the air to aid in drying).
- Is there a narrowing at any point in the vent path? (Need 40mm diameter throughout).
- Has a carbon filter or similar been installed? (There must be a free flow of air. Filters can block this - especially normal activ carbon filters, as it will clog when wet).
- Is the vent hose longer than 1.5m? (If the venting path is very long, it may be necessary to install a stronger fan).
- Is there a hard 90° bend somewhere on the vent path? (Hard 90° angles can bring the ventilation flow to a standstill).
- Is the vent outlet sufficiently protected against wind? (If there are no louvers, hoods, etc., the wind may be stronger than the fan and push air inward).
- Is there another fan in the room (e.g. in the roof) or other reasons for negative pressure? (The small toilet fan can't stand up to larger fans or strong negative pressure. Negative pressure can also occur, for example, when driving with the window open).
- OGO only: Has the fan been mounted in the right direction? (The fan should transport air from the inside to the outside. This can be checked, for example, with a smoke test or when the fan starts up).
- OGO only: Are the sealing rings seated on the urine container? (If not, please simply push down 2-3 mm).

3. the substrate filled in is unsuitable or not used to the correct degree

- Was the recommended substrate used? (Coconut fiber, unfertilized or alternatively peat. Other substrates have different properties in liquid absorption and release which may be unsuitable).

Checklist of all known causes for a drying malfunction



- Was the substrate prepared correctly? (1L warm water to 1x 650g coconut fiber tile - in problem cases with up to 24h swelling time. Here the moisture ratio must be correct - other brands may not be suitable or have different moisture ratios).
- Is the substrate regularly mixed by the agitator? (Mixing the substrate guarantees an even moisture balance and thus supports drying).
- Is the amount of substrate proportionate to the use or number of people? (If more than 3 people, adjustment of substrate quantity may be required).
- OGO only: Has the correct amount of substrate been filled? (Unfortunately, incorrect information was printed in the instruction manual for the 2021 and 2022 models. Correct would be: the container must be filled about halfway with substrate, so that the agitator still protrudes about 2-3cm from the substrate).