

GeoTrap

GeoTrap Dry Toilet Filter

Assembly and use



General information about seap liquid

The liquid coming out of a composting toilet is called seap liquid. This liquid is nutritious but can contain some pathogens from the faeces. Therefore, it can not be used directly as a fertilizer to any plants that are eaten without storing or freezing it before use. Seap liquid can be used directly to non-eatable plants, eg. trees or bushes if you can be sure that there is no connection to any water system: well, ditch, pond, lake or sea.

Another way to treat the seap liquid is to filter it through GeoTrap Dry Toilet Filter, which contains filtering mass which absorbs nutrients and odor.

Assembly of GeoTrap DT Filter

The higher inlet of the GeoTrap filter is connected to the outlet of the composting toilet. The filter container can be placed on ground or dug into the ground. The lid of the filter should be left accessible so that the mass can be changed. The filter should be placed below the composting toilet so that the liquid can freely flow into the filter.

When the filter is in its right place, the whole bag of GeoTrap mass is poured into the bottom of the filter.



The outlet from the filter is best to lead to a place where there is no danger of the filtered liquid getting into water. A suitable place for the outlet is below trees to a hedgerow or similar. You can also change the place of the outlet from time to time.

Use and maintenance

During normal use, the filter usually does not need any kind of maintenance. It is advised to change the filtering mass once a year in private family use and in public use 2-3 times a year.

Used filtering mass can be used directly to non-eatable plants as fertilizer or to compost. The nutrients that are absorbed to the mass are not water-soluble. Plants can use the nutrients of the GeoTrap mass through their roots.

Winter use

If the composting toilet is not used during the winter, the GeoTrap Dry Toilet Filter can be left in place and allowed to freeze without causing any damage. In the spring, the filter will thaw, and use can continue as usual, unless it is time to replace the filtering mass.

However, if the toilet is used regularly during the winter, the filter should be insulated with insulation boards on the sides and top. Insulating the liquid hose is not necessary, as it will empty itself of liquid in any case.

Contents of the package

Filtering tank with a lid, liquid outflow hose \varnothing 32 mm length 150 cm, Geotrap filtering mass (blue bag, approx. 10 litres), manual