

## VS

You must have a space for the composter beneath the toilet room of at least 140 cm x 140 cm, with a height of 65 cm. The plastic parts of the composter are not to be heated over 50 degrees Celsius. The composter should be installed so that it is possible to perform maintenance on its wheels and drain hose even after some years.

The composter must be installed on an even, well-supporting surface that is resistant to frost heaves, or on some other surface attached to the house. The maximum total weight of the composter is 400 kg. Its weight under normal usage is 200–300 kg. All parts of the composter can be carried in through a 60 cm wide door.

The ventilation pipe ( $\varnothing$  100 mm) above the top of the house can start from the back of the toilet seat or from the side of the composter lid. The ventilation pipe can leave in one of three different directions from the composter lid. The pipe connected to the seat ventilates better if the electric power is off. The pipe must be directed upward so that ventilation will function naturally even during electric outages. It is advisable to insulate the ventilation pipe.

The electric Ekolet fan (12V/4W) fans air into the ventilation pipe at a rate of 15-30 dm<sup>3</sup>/s. Approximately 10 dm<sup>3</sup>/s of this air comes from the toilet when the lid is closed. If the ventilation pipe is connected to the lid of the composter an extra pipe ( $\varnothing$  100 mm) can be installed into an outlet that can be opened up behind the seat, and this pipe will suck exhaust air from near the ceiling at the rate of 5 dm<sup>3</sup>/s. If there are other exhaust outlets in the room, you must make sure that air does not flow upward from the seat under any circumstance.

For the fan, you need an indoor electric outlet (230V) located in a dry place, or a solar panel.

All biologically pre-cleansed liquids are extracted from the composter via a 19 mm drain hose, and can be funneled into a shrub refinery or a collection tank or away with grey water.

One side of the composter must be accessible for emptying of the composter. A full compartment provides you with 50 litres of composted soil.