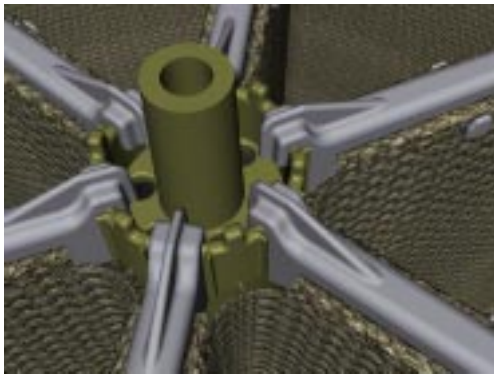
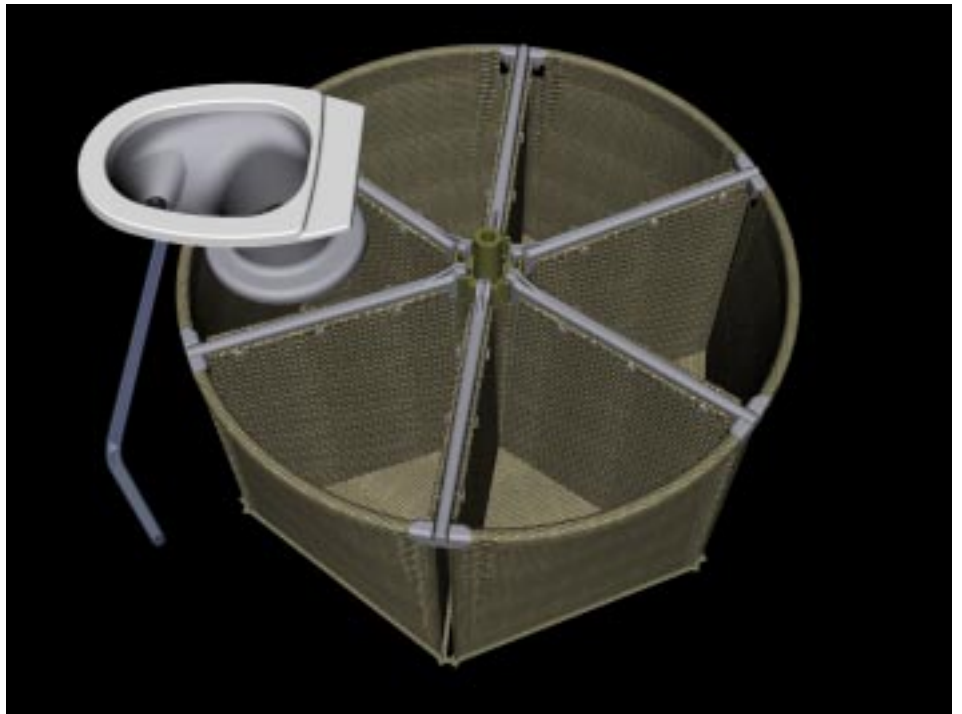


ROTA-LOO 101 THE FACTS

A NEW CONCEPT IN COMPOSTING TOILET SYSTEMS

ROTA-LOO 101 **The Low Cost High** **Efficiency** **DO IT YOURSELF** **Composting Toilet** **System**



The Rota-Loo is a DIY kit which comprises a support hub, six radial arms, six interlocking arcs and six compost bags. This kit when combined with a centre post and housing structure forms the basis of a waterless composting toilet. The housing and toilet building can be constructed using suitable local materials.

This makes Rota-Loo 101 the least expensive of any family size composting toilet.

The concept

The concept of the patented 101 design is derived from our other Rota-Loo toilets which use rigid compost bins mounted on a turntable contained in a main holding tank. The assembled components resemble a spoked wheel fitted onto a vertical centre post

The radial arms and interlocking arcs support the compost bags. These permeable semi rigid bags allow air in and liquid out. When full the top of the bag is sealed with a draw string and easily removed from the support mechanism. After removal the composted end product, humus, is emptied and the bag returned for further use.

Rota-Loo's are simple to operate and maintain whilst still retaining the performance advantages that only a multi batch system can provide.



The Building

Rota-Loo 101 should be installed into a housing which is situated below the toilet room. The minimum internal dimensions of the housing are 120 cms. square with a height of 90 cms. (Any housing should not exceed 150 cms. square.). The base of the housing must have a hard surface, preferably concrete in to which the support post is fixed in the centre.

The walls of the housing may be of brick, concrete, cement sheeting, cement blocks, timber or mud bricks.

The walls and base must be impervious to water and be air tight. The roof of the 101 housing upper floor, which is the floor of the toilet room building, must be of sufficient strength to support the centre post, a toilet pedestal and the person using the toilet.

With some installations the housing may be required to support the building above and should therefore be constructed accordingly. Provision needs to be made for a door or hatch in the side or top of the housing to allow removal of the compost bag when necessary.

The composting is much improved by constructing a slanted glazed section to the side of the building facing the sun. This glazed or thin metal sheet will provide warm air that will speed up the composting and evaporation processes.

How Does It Work

Inside the toilet room the pedestal is positioned directly above the leading bag. Where possible a separating pedestal should be installed which will help the facility be as efficient as possible.

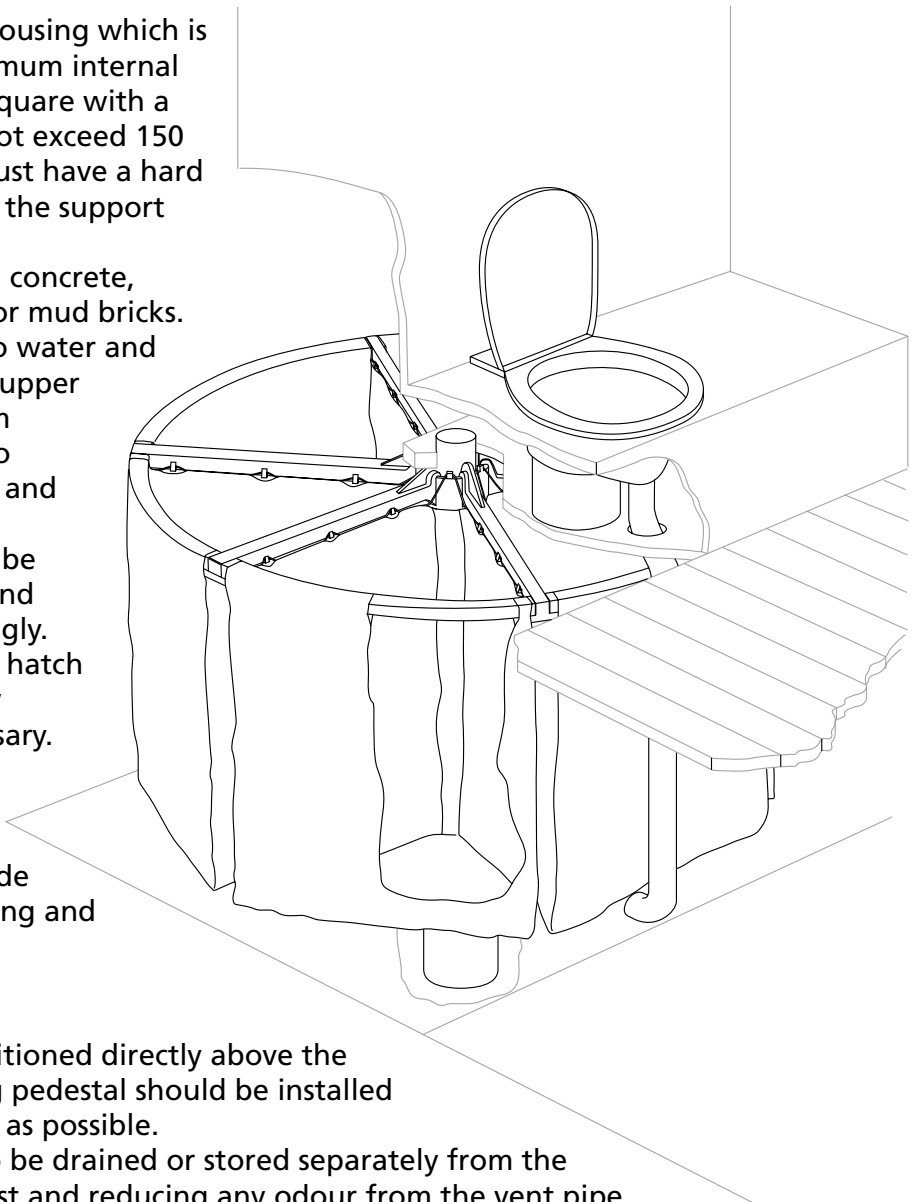
A separating pedestal allows the urine to be drained or stored separately from the solid material, making it easier to compost and reducing any odour from the vent pipe.

When the first bag is full, the door is opened and the next empty bag is turned into position.

The first bag remains inside to complete composting. This pattern continues until all six bags are full and then the first bag is removed and the humus turned into the garden. The now empty bag is returned for further use.

An Installation guide and maintenance manual is supplied with every Rota-Loo 101 Do it Your Self Kit. The parts of the Rota-Loo 101 carry a 3 year conditional warranty.

For further information and to place an order please contact...



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