

# EcoSan

## WATERLESS TOILET SYSTEM



## USER GUIDE



MANAGING WASTE FOR A CLEANER WORLD

## **Welcome**

Congratulations on your purchase of the ECOSAN toilet. We hope you will enjoy using it for many troublefree years. This is a waterless toilet which means that it requires no water to operate. All the waste is dried out over a period of 5 to 8 weeks and then dropped into a collection bag on the outside of your home. ( See Emptying the waste bag )

## **Unpacking**

Unpack the toilet if necessary. If it is damaged in any way, do not continue. Contact your supplier immediately.  
Please dispose of any packing material in a reponsible manner and keep dangerous plastic materials away from children.

## **Assembly**

No assembly is required but If you need to assemble the toilet please refer to the assembly and installation instruction pages.

## **Installation**

Please see separate assembly and installation instruction booklet.

## **Use of your toilet**

You use your toilet like any other toilet. Please remember to:

**ALWAYS CLOSE THE TOILET LID AFTER USE**

**INSTALL THE URINAL FOR MALE STAND-UP URINATING**

### **WARNING**

Do not throw any items or large objects into the toilet bowl. If an object is accidentally dropped into the bowl and it is visible you should try and retrieve it. If it falls through the hole at the bottom of the chute it will not cause the toilet to malfunction. The item will end up in the waste bag after a few days.

Apart from normal cleaning, please do not pour any other water or liquids into the bowl.

## **MAINTENANCE**

### **Cleaning the toilet**

#### ***Outside***

Clean the toilet using a sponge or damp cloth dipped in sanitiser or disinfectant solution or hot soapy water. Dry toilet with soft cloth. Do not use abrasive powder or any other chemicals.

#### ***Inside***

As with any other toilet your ECOSAN toilet will require regular cleaning. This is done by dipping a soft toilet brush into a little bit of water ( approx 1 cup ) containing disinfectant or liquid soap. Gently clean the inside of the toilet bowl with the brush. Do not pour any remaining water down the bowl.

### **Emptying the waste bag**

Depending on use, the waste bag will only have to be emptied from time to time. The capacity of the collection bag is 10 - 12 Kg of dry waste and should under normal use only have to be emptied every 2 to 3 months. Perform regular inspections to determine when to empty the bag.

- 1) Open the lid of the inspection hole on the outside of your home using a screwdriver.
- 2) Using the handles, lift the bag out carefully, empty the bag and replace it.
- 3) Replace the lid and ensure that it fits properly and all the screws are in place.

**IMPORTANT - Make sure that once the bag is in position that the bag tucks in under the end of the screw conveyor to prevent the waste from falling outside the bag.**

Please make sure to point out the following label that is attached to the toilet to all users.

## **Troubleshooting**

The Ecosan toilet was designed for use by a maximum of 10 persons per day. Bad odours inside the toilet are an indication of one of the following.

- Over-use of the toilet
- Too much liquids are entering the system due to incorrect cleaning procedures, or the urinal not being installed or male users not using the urinal.
- Wind turbine or electric fan is not working properly

### ***Water in the waste collection drum ( outside lid )***

- 1) Check if the wind turbine / electric fan is working
- 2) If your system was installed with an electric fan check if the electrical power is on and try to determine if the motor is working.
- 3) If liquids can be seen in the waste catchment drum ( outside lid ) the toilet should not be used for 48 – 72 hours to allow the liquids to evaporate.

### ***Noticeable smell inside the toilet***

- 1) Check if the wind turbine / electric fan is working
- 2) If your system was installed with an electric fan check if the electrical power is on and try to determine if the motor is working.
- 3) Check for liquids in the waste catchment drum.

### ***Noticeable smell outside the toilet***

This is normally due to the outside wind conditions and are experienced when large trees or buildings are located close to the toilet. If there is a persistent smell it may be necessary to add an extra ventilation pipe.

## **CONTACT INFORMATION**

### **Head Office**

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